



International Boundary & Water Commission

United States Section

San Diego Field Office
2225 Dairy Mart Road
San Diego, CA 92173

May 14, 2007

2007 MAY 14 P.M.
SAN DIEGO REGIONAL
WATER QUALITY CONTROL BOARD

Mr. John H. Robertus
Executive Officer
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, Ca. 92123

SUBJECT: March 2007 Monitoring Results for the South Bay International Wastewater Treatment Plant, San Diego, California, Order No. 96-50, NPDES Permit No. CA0108928

Dear Mr. Robertus:

Enclosed are the March, 2007 influent and effluent test results; 6-month median report; April, 2007 monthly flow report for the South Bay International Wastewater Treatment Plant (SBIWTP); as well as the March, 2007 Monthly Receiving Water Report.

The following exceedances of the NPDES permit were observed:

- (1) The 30-day average percent removal rate of total suspended solids (TSS) was lower than the established permit limit (85%). In addition, the maximum (50 mg/l), 7-day (45 mg/l) and 30-day (30 mg/l) concentration limits and the associated respective mass emission rates (10,000, 9400 and 6300 lb/day) were exceeded.
- (2) The maximum (45 mg/l), 7-day (40 mg/l) and 30-day (25 mg/l) concentration limits for carbonaceous biological oxygen demand (CBOD) and the associated respective mass emission rates (9400, 8300 and 5200 lb/day) were exceeded.
- (3) The maximum (2.5 Tua), 7-day (2.0 Tua) and 30-day (1.5 Tua) average effluent limits for acute toxicity were exceeded. The daily maximum was exceeded on March 6, 14, 22, and 30, 2007.
- (4) Water samples with elevated densities of coliform bacteria were collected from shoreline stations S0, S3-S5, and S10 during one or more surveys in March. The odor of sewage was detected at stations S4, S5, and S10 on March 7 and station S5 on March 20. Samples with total coliform densities exceeding 10,000 CFU/mL were collected from stations S4, S5, and S10 on March 6 and stations S5 and S10 on March 27. Total coliforms in the resamples collected at these stations on March 7 and 28 were below 10,000 CFU/mL and none of the stations exceeded

the 10,000 coliform standards during the month. Stations S4, S5, S10, and S11 exceeded the 30-day total coliform and 60-day fecal coliform standards, while station S6 exceeded only the 30-day total coliform standard. Stations S4 and S10 exceeded the 30-day fecal geometric mean standard.

(5) Although the 2001 California Ocean Plan (COP) does not specify compliance standards for enterococcus bacteria, it does provide assessment objectives for these bacteria (i.e., a geometric mean density of 24 organisms/100 mL over a 30-day period, or 12 organisms/100 ml over a 6-month period). Elevated enterococcus densities were present in water samples collected from shoreline station S3 on March 13 and station S0 on March 27. Station S5 exceeded both the 30-day and 6-month enterococcus objectives while stations S4 and S10 exceeded the 30-day enterococcus objective.

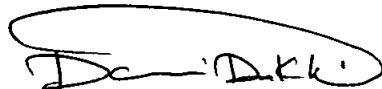
(6) All kelp bed water quality samples had low coliform levels in March. Stations I25, I26, and I39 exceeded the 30-day total coliform standard. Two water samples with high enterococcus densities were collected from stations I25 (2 m depth sample) and I39 (12 m depth sample) on March 25. All kelp stations met the 2 enterococcus assessment objectives. Data from kelp station CTD casts indicate that the water column was mixed during March. Elevated levels of chlorophyll *a* indicate that abundant plankton was present at I25, I26, and I39 during most of March.

(7) Four water samples with elevated densities of indicator bacteria were collected at 3 monthly water quality stations during the March 6 survey. Three of the samples were collected from a depth of 2 m at stations I24, I40, and I18 and 1 from the 11 m depth sample at station I24. CTD profile data indicate that the water column was generally well mixed during the 3 surveys. Evidence of a plankton bloom in the water column (1–29 m) was detected at all stations. Elevated levels of suspended solids (≥ 8 mg/L) occurred in water samples collected between 2 and 37 m depths from most stations

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

If you require any additional information, please contact Mr. Gilbert Anaya, at (915) 832-4702.

Sincerely,



Dawi F. Dakhil
Ac. Project Manager

Enclosures as Stated:

cc: Elizabeth Borowiec, EPA
Environmental Protection Specialist
U.S. EPA Region 9
75 Hawthorne Street (WTR-4)
San Francisco, CA 94105-3901

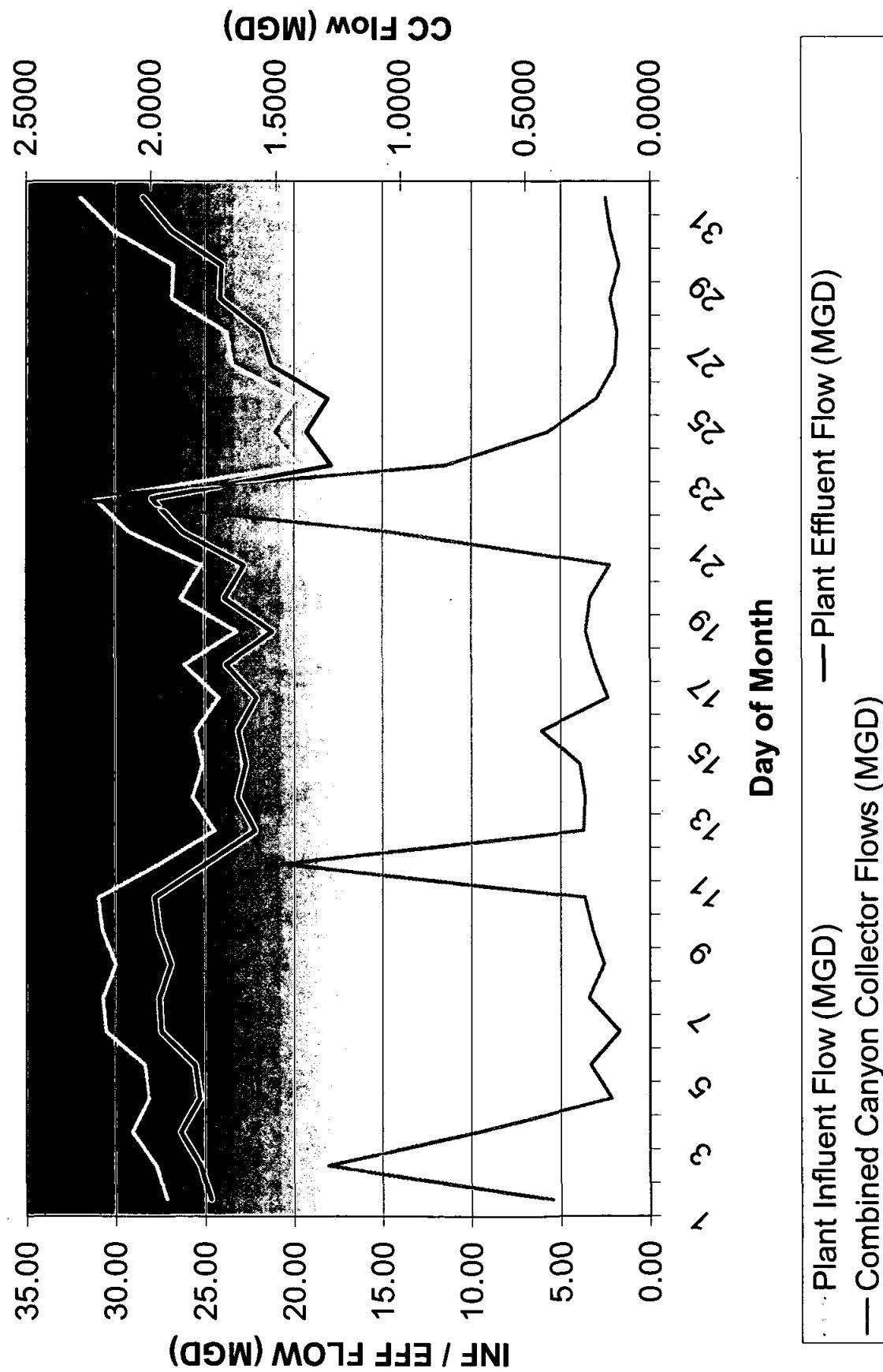
San Diego/dfd/07-019

SOUTH BAY IWTP
MONTHLY FLOW REPORT

Saturday, March 31, 2007

Day	Plant Influent Flow (MGD)	Combined Canyon Collector Flows (MGD)	Primary Effluent Emergency Connection Flow (MGD)	Plant Effluent Flow (MGD)	Combined Primary Sludge Flow (GPD)	Combined BFP Sludge Flow (GPD)
1	27.12	0.3882	0.00	24.68	216176.87	105161.06
2	27.70	1.2890	0.00	25.23	196747.45	135683.45
3	29.03	0.6916	0.00	26.34	168263.45	229954.65
4	28.10	0.1522	0.00	25.28	168603.40	261219.80
5	28.33	0.2374	0.00	25.55	168613.26	232253.91
6	30.49	0.1210	0.00	27.44	168355.19	215778.41
7	30.67	0.2443	0.00	27.54	166156.18	159261.31
8	29.96	0.1829	0.00	26.89	160127.85	179606.73
9	30.70	0.2279	0.00	27.57	158411.69	250503.81
10	30.93	0.2618	0.00	27.78	151846.76	176927.17
11	27.54	1.4766	0.00	24.98	154521.69	169541.88
12	24.45	0.2665	0.00	22.19	153946.60	166384.20
13	25.67	0.2607	0.00	23.18	161096.02	144188.85
14	25.14	0.2809	0.00	22.72	157917.20	199684.29
15	25.52	0.4344	0.00	23.15	154677.39	161948.26
16	24.22	0.1691	0.00	22.13	148318.48	151957.68
17	26.15	0.2211	0.00	23.84	145205.25	192278.14
18	23.21	0.2578	0.00	21.20	148010.06	153490.70
19	26.32	0.2404	0.00	23.91	147859.90	148392.87
20	25.20	0.1605	0.00	22.80	147472.64	198923.56
21	29.23	1.0423	0.00	26.24	142830.40	157184.75
22	31.15	2.3257	0.00	27.97	152251.63	149329.92
23	19.73	0.8178	0.00	17.89	187287.19	171913.25
24	21.32	0.4096	0.00	19.29	154734.43	223828.19
25	19.92	0.2144	0.00	18.09	139978.47	214165.97
26	23.46	0.1409	0.00	21.26	137076.04	145549.65
27	23.79	0.1319	0.00	21.83	141944.86	159685.98
28	26.83	0.1602	0.00	24.14	137230.88	172968.19
29	26.75	0.1235	0.00	24.07	138412.58	151412.34
30	30.06	0.1590	0.00	26.86	146987.07	152510.99
31	31.95	0.1795	0.00	28.46	154475.87	152148.98
AVERAGE FLOW	26.79	0.4281	0.00	24.21	157210.86	176952.87
MAX AVERAGE DAILY FLOW	31.95	2.3257	0.00	28.46	216176.87	261219.80
MIN AVERAGE DAILY FLOW	19.73	0.1210	0.00	17.89	137076.04	105161.06
TOTAL MONTHLY FLOW	830.62	13.2696	0.00	750.47	4873536.72	5485538.94

Daily Flow



NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Metals

Date	Effluent Mercury (ug/L)	Effluent Mercury Pounds/ Day	Effluent Nickel (mg/L)	Effluent Nickel Pounds/ Day	Effluent Selenium (mg/L)	Effluent Selenium Pounds/ Day	Effluent Silver (mg/L)	Effluent Silver Pounds/ Day
LIMITS	16	3.3	2	420	6.1	1300	.27	56
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.00000	0.00000	0.018	4.71	0.000	0.00	0.000	0.00
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07	0.00000	0.00000	0.013	2.77	0.000	0.00	0.000	0.00
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07	0.00000	0.00000	0.027	6.40	0.000	0.00	0.000	0.00
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07	0.00000	0.00000	0.021	5.27	0.000	0.00	0.000	0.00
03/31/07								
Average	0.00000	0.00000	0.020	4.79	0.000	0.00	0.000	0.000
Maximum	0.00000	0.00000	0.027	6.40	0.000	0.00	0.000	0.000
Minimum	0.00000	0.00000	0.013	2.77	0.000	0.00	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Metals

Date	Effluent Thalium (mg/L)	Effluent Thalium Pounds/ Day	Effluent Zinc (mg/L)	Effluent Zinc Pounds/ Day
LIMITS	1.4	290	7.3	1500
03/01/07				
03/02/07				
03/03/07				
03/04/07				
03/05/07				
03/06/07	0.0000	0.0000	0.059	15.06
03/07/07				
03/08/07				
03/09/07				
03/10/07				
03/11/07				
03/12/07				
03/13/07				
03/14/07	0.0000	0.0000	0.065	13.32
03/15/07				
03/16/07				
03/17/07				
03/18/07				
03/19/07				
03/20/07				
03/21/07				
03/22/07	0.0000	0.0000	0.091	21.64
03/23/07				
03/24/07				
03/25/07				
03/26/07				
03/27/07				
03/28/07				
03/29/07				
03/30/07	0.0000	0.0000	0.123	31.18
03/31/07				
Average	0.0000	0.0000	0.085	20.30
Maximum	0.0000	0.0000	0.123	31.18
Minimum	0.0000	0.0000	0.059	13.32

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Cyanide and Radiation

Date	Effluent Cyanide (mg/L)	Effluent Cyanide Pounds/ Day	Effluent Alpha Radiation (pc/L)	Effluent Beta Radiation (pc/L)	Effluent Total Chlorine (mg/L)	Effluent Total Chloine lbs/Day	Effluent Ammonia-N (mg/L)	Effluent Ammonia-N lbs/Day
LIMITS								
03/01/07					0.10	22.18		
03/02/07					0.10	23.13		
03/03/07					0.10	23.69		
03/04/07					0.10	24.00		
03/05/07					0.10	23.71		
03/06/07	0.02	5.15	3.77+/-1.70	18.6+/-4.89	0.10	25.75	54.5	14,031.3
03/07/07					0.10	25.24		
03/08/07					0.10	24.99		
03/09/07					0.10	26.05		
03/10/07					0.10	25.70		
03/11/07					0.10	22.58		
03/12/07					0.10	23.77		
03/13/07					0.10	21.78		
03/14/07	0.02	4.13			0.10	20.66	47.8	9,874.6
03/15/07					0.10	21.41		
03/16/07					0.10	20.58		
03/17/07					0.10	21.77		
03/18/07					0.10	19.27		
03/19/07					0.10	22.35		
03/20/07					0.10	20.95		
03/21/07					0.10	23.86		
03/22/07	0.02	4.76			0.10	23.78	52.0	12,364.2
03/23/07					0.10	16.86		
03/24/07					0.10	17.54		
03/25/07					0.10	16.71		
03/26/07					0.10	19.79		
03/27/07					0.10	19.52		
03/28/07					0.10	23.54		
03/29/07					0.10	21.35		
03/30/07	0.0	5.07			0.10	25.35	51.8	13,133.2
03/31/07					0.10	26.29		
Average	0.02	4.78	3.77+/-1.70	18.6+/-4.89	0.10	22.39	51.53	12,350.83
Maximum	0.02	5.15	3.77+/-1.70	18.6+/-4.89	0.10	26.29	54.50	14,031.34
Minimum	0.02	4.13	3.77+/-1.70	18.6+/-4.89	0.10	16.71	47.80	9,874.61

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Pesticides

Date	Effluent Aldrin (ng/L)	Effluent Aldrin (lbs/Day)	Effluent Dieldrin (ug/L)	Effluent Dieldrin (lbs/Day)	Effluent Alpha BHC (ug/L)	Effluent Beta BHC (ug/L)	Effluent Gamma BHC (ug/L)	Effluent Delta BHC (ug/L)
LIMITS	2.2	.00046	4	.00083				
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03/31/07								
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

	Effluent 4 nitro phenol	Effluent 2-methyl -4,6-dintro phenol	Effluent Total non-chlor phenols	Effluent Total non-chlor phenols
Date	(ug/L)	(ug/L)	(mg/L)	(lbs/day)
03/01/07				
03/02/07				
03/03/07				
03/04/07				
03/05/07				
03/06/07	0.000	0.000	0.017	3.777
03/07/07				
03/08/07				
03/09/07				
03/10/07				
03/11/07				
03/12/07				
03/13/07				
03/14/07	0.000	0.000	0.001	0.189
03/15/07				
03/16/07				
03/17/07				
03/18/07				
03/19/07				
03/20/07				
03/21/07				
03/22/07	0.000	0.000	0.000	0.000
03/23/07				
03/24/07				
03/25/07				
03/26/07				
03/27/07				
03/28/07				
03/29/07				
03/30/07	0.000	0.000	0.009	2.037
03/31/07				
Average	0.000	0.000	0.007	1.501
Maximum	0.000	0.000	0.017	3.777
Minimum	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

Date	Effluent Chloro Methane (mg/L)	Effluent bromo methane (mg/L)	Effluent Vinyl Chloride (ug/L)	Effluent Chloro Ethene (ug/L)	Effluent 1,1 dichloro Ethene (ug/L)	Effluent Trichloro Flouro Methane (ug/L)	Effluent Methlyene chloride (mg/L)	Effluent 1,1 Dichloro ethane (ug/L)
Limits			3.6		72		45	
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07								
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07								
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07								
03/31/07								
Average	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

Date	Effluent Trans- 1,2 Dichlor ethene (ug/L)	Effluent Chloroform (mg/L)	Effluent 1,2 Dichloro ethane (mg/L)	Effluent 1,1,1 Trichloro ethane (g/L)	Effluent Carbon Tetra Chloride (ug/L)	Effluent DCBM (mg/L)	Effluent Trans- 1,3 Dichloro propene (mg/L)
Limits		13	13	54	0.9		.9
03/01/07							
03/02/07							
03/03/07							
03/04/07							
03/05/07							
03/06/07	0.000	0.006	0.000	0.000000	0.000	0.002	0.000
03/07/07							
03/08/07							
03/09/07							
03/10/07							
03/11/07							
03/12/07							
03/13/07							
03/14/07							
03/15/07							
03/16/07							
03/17/07							
03/18/07							
03/19/07							
03/20/07							
03/21/07							
03/22/07							
03/23/07							
03/24/07							
03/25/07							
03/26/07							
03/27/07							
03/28/07							
03/29/07							
03/30/07							
03/31/07							
Average	0.000	0.006	0.000	0.000000	0.000	0.002	0.000
Maximum	0.000	0.006	0.000	0.000000	0.000	0.002	0.000
Minimum	0.000	0.006	0.000	0.000000	0.000	0.002	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

Date	Effluent Trichloro ethene (mg/L)	Effluent Benzene (mg/L)	Effluent Dibromo chloro methane (ug/L)	Effluent 1,1,2 Trichloro ethane (g/L)	Effluent cis-1,3 Dichloro propene (ug/L)	Effluent Chloro ethyl vinyl ether (ug/L)	Effluent Bromoform (mg/L)	Effluent 1,1,2,2-tetrachlor oethene (mg/L)
Limits	2.7	0.6		4.3				120
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000	0.000	3.500	0.000000	0.000	0.000	0.000	0.000
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07								
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07								
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07								
03/31/07								
Average	0.000	0.000	3.500	0.000000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	3.500	0.000000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	3.500	0.000000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
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Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

Date	Effluent Tetrachloroethene (mg/L)	Effluent Toluene (g/L)	Effluent Chloro Benzene (mg/L)	Effluent Ethyl benzene (mg/L)	Effluent 2-Butanone (MEK) (mg/L)	Effluent Carbon Disulfide (mg/L)	Effluent Total Halo methanes (ug/L)	Effluent Total Halo methanes (lbs/day)
Limits	1.0	8.6	58	400			13	2,700
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000	0.000004	0.0000	0.0000	0.0000	0.0000	0.0020	0.458
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07								
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07								
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07								
03/31/07								
Average	0.000	0.000004	0.0000	0.0000	0.0000	0.0000	0.0020	0.458
Maximum	0.000	0.000004	0.0000	0.0000	0.0000	0.0000	0.0020	0.458
Minimum	0.000	0.000004	0.0000	0.0000	0.0000	0.0000	0.0020	0.458

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
Report Frequency: Monthly Sampling Point: Effluent
Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

	Effluent Acrylo nitrile	Effluent Acrolien
Date	(ug/L)	(mg/L)
Limits		
03/01/07		
03/02/07		
03/03/07		
03/04/07		
03/05/07		
03/06/07	0.000	0.000
03/07/07		
03/08/07		
03/09/07		
03/10/07		
03/11/07		
03/12/07		
03/13/07		
03/14/07		
03/15/07		
03/16/07		
03/17/07		
03/18/07		
03/19/07		
03/20/07		
03/21/07		
03/22/07		
03/23/07		
03/24/07		
03/25/07		
03/26/07		
03/27/07		
03/28/07		
03/29/07		
03/30/07		
03/31/07		
Average	0.000	0.000
Maximum	0.000	0.000
Minimum	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent TCDD Equivalents

Date	Effluent 2,3,7,8 tetra CDD (pg/L)	Effluent 1,2,3,7,8 Penta CDD (pg/L)	Effluent 1,2,3,4,7,8 Hexa CDD (pg/L)	Effluent 1,2,3,6,7,8 Hexa CDD (pg/L)	Effluent 1,2,3,7,8,9 Hexa CDD (pg/L)	Effluent 1,2,3,4,6,7,8 Hepta CDD (pg/L)	Effluent Octa CDD (pg/L)	Effluent 2,3,7,8 Tetra CDF (pg/L)
Limits								
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07								
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07								
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07								
03/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent TCDD Equivalents

Date	Effluent 2,3,7,8 Penta CDF (pg/L)	Effluent 2,3,6,7,8 Penta CDF (pg/L)	Effluent 1,2,3,6,7,8 Hexa CDF (pg/L)	Effluent 1,2,3,7,8,9 Hexa CDF (pg/L)	Effluent 1,2,3,7,8,9 Hexa CDD (pg/L)	Effluent 1,2,3,4,6,7,8 Hepta CDF (pg/L)	Effluent 1,2,3,4,6,7,8,9 Hepta CDF (pg/L)
Limits							
03/01/07							
03/02/07							
03/03/07							
03/04/07							
03/05/07							
03/06/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/07/07							
03/08/07							
03/09/07							
03/10/07							
03/11/07							
03/12/07							
03/13/07							
03/14/07							
03/15/07							
03/16/07							
03/17/07							
03/18/07							
03/19/07							
03/20/07							
03/21/07							
03/22/07							
03/23/07							
03/24/07							
03/25/07							
03/26/07							
03/27/07							
03/28/07							
03/29/07							
03/30/07							
03/31/07							
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent TCDD Equivalents

Date	Effluent	Effluent	Effluent
	Octa	Total	Total
	CDF	TCDD	TCDD
Limits	(pg/L)	(pg/L)	(lbs/Day)
03/01/07			
03/02/07			
03/03/07			
03/04/07			
03/05/07			
03/06/07	0.000	0.000	0.00000000
03/07/07			
03/08/07			
03/09/07			
03/10/07			
03/11/07			
03/12/07			
03/13/07			
03/14/07			
03/15/07			
03/16/07			
03/17/07			
03/18/07			
03/19/07			
03/20/07			
03/21/07			
03/22/07			
03/23/07			
03/24/07			
03/25/07			
03/26/07			
03/27/07			
03/28/07			
03/29/07			
03/30/07			
03/31/07			
Average	0.000	0.000	0.00000000
Maximum	0.000	0.000	0.00000000
Minimum	0.000	0.000	0.00000000

NPDES DATA FOR THE SOUTH BAY INTERNATIONAL WWTP

Six Month Median Report

Influent

MONTHLY AVERAGE										
Month	Influent FLOW MGD	Influent Antimony mg/L	Influent Antimony lbs/day	Influent Arsenic mg/L	Influent Arsenic lbs/day	Influent Beryllium µg/L	Influent Beryllium lbs/day	Influent Cadmium mg/L	Influent Cadmium lbs/day	Influent Chromium mg/L
Oct 2006	26.89	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.01
Nov 2006	27.23	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Dec 2006	27.25	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Jan 2007	26.99	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.04
Feb 2007	25.61	0.000	0.00	0.000	0.00	0.00	0.14	0.00	0.25	0.07
Mar 2007	26.85	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.01
Limits										
6 Mo Median										
Mo Average				0.024	5.000	0.0025	0.520	0.061	13.000	1.100
Maximum										
Performance										
Minimum	25.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	27.25	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.25	0.07
Average	26.80	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.04	0.02
Median	27.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

NPDES DATA FOR THE SOUTH BAY INTERNATIONAL WWTP

Six Month Median Report

Influent

MONTHLY AVERAGE											
Month	Influent Chromium lbs/day	Influent Copper mg/L	Influent Copper lbs/day	Influent Lead mg/L	Influent Lead lbs/day	Influent Mercury µg/L	Influent Mercury lbs/day	Influent Nickel mg/L	Influent Nickel lbs/day	Influent Silver mg/L	
Oct 2006	2.56	0.100	21.33	0.030	6.41	0.000	0.05	0.035	7.69	0.001	
Nov 2006	0.31	0.022	4.92	0.000	0.00	0.000	0.00	0.027	5.98	0.000	
Dec 2006	0.81	0.104	22.63	0.006	1.14	0.000	0.04	0.031	6.92	0.000	
Jan 2007	9.05	0.092	21.71	0.012	2.79	0.000	0.00	0.064	14.82	0.002	
Feb 2007	14.47	0.271	57.16	0.099	20.69	0.000	0.00	0.075	15.41	0.001	
Mar 2007	1.66	0.040	9.96	0.000	0.00	0.200	0.05	0.030	7.14	0.000	
Limits											
6 Mo Median		.150	32.000					0.440	93.000	0.052	
Mo Average	230.000			0.160	34.000						
Maximum						0.0054	1.100				
Performance											
Minimum	0.31	0.02	4.92	0.00	0.00	0.00	0.00	0.03	5.98	0.00	
Maximum	14.47	0.27	57.16	0.10	20.69	0.20	0.05	0.08	15.41	0.00	
Average	4.81	0.10	22.95	0.02	5.17	0.03	0.02	0.04	9.66	0.00	
Median	2.57	0.07	12.93	0.03	6.60	0.00	0.00	0.03	6.49	0.00	

NPDES DATA FOR THE SOUTH BAY INTERNATIONAL WWTP

Six Month Median Report

Influent

MONTHLY AVERAGE

Month	Influent Silver lbs/day	Influent Zinc mg/L	Influent Zinc lbs/day	Influent Cyanide mg/L	Influent Cyanide lbs/day	Influent Gamma BHC	Influent Gamma BHC lbs/day	
Oct 2006	0.18	0.224	47.63	0.020	4.36	0.00	0.00	
Nov 2006	0.00	0.083	18.77	0.020	4.53	0.00	0.00	
Dec 2006	0.00	0.208	44.64	0.020	4.40	0.00	0.00	
Jan 2007	0.53	0.214	50.59	0.020	4.69	0.00	0.00	
Feb 2007	0.26	0.781	163.27	0.020	4.15	0.00	0.00	
Mar 2007	0.00	0.107	26.05	0.020	4.78	0.00	0.00	

Limits

6 Mo Median	11.000			0.075	16.000	0.420	0.088
Mo Average		1.100	220.000				
Maximum							

Performance

Minimum	0.00	0.08	18.77	0.02	4.15	0.00	0.00
Maximum	0.53	0.78	163.27	0.02	4.78	0.00	0.00
Average	0.16	0.27	58.49	0.02	4.49	0.00	0.00
Median	0.00	0.20	38.73	0.02	4.28	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE								
Month	Effluent FLOW MGD	Effluent 7 D AVG FLOW MDG	Effluent 30 D AVG FLOW MGD	Effluent Arsenic mg/L	Effluent Arsenic lbs/day	Effluent Cadmium mg/L	Effluent Cadmium lbs/day	Effluent Chromium (total) mg/L
Oct 2006	24.22	24	25	0.000	0.00	0.00	0.00	0.001
Nov 2006	24.50	24	24	0.000	0.00	0.00	0.00	0.000
Dec 2006	24.99	25	24	0.000	0.00	0.00	0.00	0.000
Jan 2007	24.68	25	25	0.000	0.00	0.00	0.00	0.008
Feb 2007	23.36	24	24	0.000	0.00	0.00	0.00	0.000
Mar 2007	24.28	24	24	0.000	0.00	0.00	0.00	0.000
Limits								
6 Mo Median				0.510	110.000	0.100	21.000	0.200
Daily Max				2.900	600.000	0.400	83.000	0.810
Instantaneous				7.800	1600.000	1.000	210.000	2.000
Performance								
Minimum	23.36	23.64	23.81	0.00	0.00	0.00	0.00	0.00
Maximum	24.99	24.79	25.05	0.00	0.00	0.00	0.00	0.01
Average	24.34	24.33	24.33	0.00	0.00	0.00	0.00	0.00
Median	24.19	24.54	24.53	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE									
	Effluent Chromium	Effluent Copper	Effluent Copper	Effluent Lead	Effluent Lead	Effluent Mercury	Effluent Mercury	Effluent Nickel	
Month	Ibs/day	mg/L	Ibs/day	mg/L	Ibs/day	ug/L	Ibs/day	mg/L	
Oct 2006	0.29	0.033	7.25	0.012	2.75	0.000	0.00	0.029	
Nov 2006	0.00	0.028	6.28	0.000	0.00	0.000	0.00	0.030	
Dec 2006	0.00	0.038	8.26	0.000	0.00	0.000	0.00	0.027	
Jan 2007	1.80	0.055	12.78	0.002	0.54	0.000	0.00	0.034	
Feb 2007	0.00	0.030	6.29	0.000	0.00	0.000	0.00	0.021	
Mar 2007	0.00	0.038	9.16	0.000	0.00	0.000	0.00	0.020	
Limits									
6 Mo Median	42.000	0.100	21.000	0.200	42.000	4.000	0.830	0.510	
Daily Max	170.000	1.000	210.000	0.810	170.000	16.000	3.300	2.000	
Instantaneous	420.000	2.800	580.000	2.000	420.000	40.000	8.300	5.100	
Performance									
Minimum	0.00	0.03	6.28	0.00	0.00	0.00	0.00	0.02	
Maximum	1.80	0.05	12.78	0.01	2.75	0.00	0.00	0.03	
Average	0.35	0.04	8.34	0.00	0.55	0.00	0.00	0.03	
Median	0.00	0.03	6.25	0.00	0.00	0.00	0.00	0.02	

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE									
Month	Effluent Nickel	Effluent Selenium	Effluent Selenium	Effluent Silver	Effluent Silver	Effluent Zinc	Effluent Zinc	Effluent Cyanide	
	Ibs/day	mg/L	Ibs/day	mg/L	Ibs/day	mg/L	Ibs/day	mg/L	
Oct 2006	6.36	0.000	0.00	0.000	0.00	0.113	24.33	0.0	
Nov 2006	6.86	0.000	0.00	0.000	0.00	0.091	20.80	0.0	
Dec 2006	5.93	0.000	0.00	0.000	0.00	0.122	26.89	0.0	
Jan 2007	7.85	0.000	0.00	0.000	0.00	0.114	26.59	0.0	
Feb 2007	4.25	0.000	0.00	0.000	0.00	0.069	14.62	0.0	
Mar 2007	4.79	0.000	0.00	0.000	0.00	0.084	20.30	0.0	
Limits									
6 Mo Median	100.000	1.500	310.000	0.060	11.000	1.200	250.000	0.100	
Daily Max	420.000	6.100	1300.000	0.300	56.000	7.300	1500.000	0.400	
Instantaneous	1000.000	15.000	3100.000	0.700	140.000	19.000	4000.000	1.000	
Performance									
Minimum	4.25	0.00	0.00	0.00	0.00	0.07	14.62	0.02	
Maximum	7.85	0.00	0.00	0.00	0.00	0.12	26.89	0.02	
Average	6.01	0.00	0.00	0.00	0.00	0.10	22.26	0.00	
Median	5.68	0.12	22.61	0.00	0.00	0.12	22.61	0.02	

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE							
Month	Effluent Cyanide Ibs/day	Effluent Total Chlorine mg/L	Effluent Total Chlorine Ibs/day	Effluent Ammonia mg/L	Effluent Ammonia Ibs/day	Effluent Alpha BHC ug/L	Effluent Alpha BHC Ibs/day
Oct 2006	4.36	0.10	22.42	54.9	11,950.9	0.00	0.00
Nov 2006	4.53	0.10	22.71	52.8	11,979.0	0.00	0.00
Dec 2006	4.40	0.10	22.72	53.5	11,748.3	0.00	0.00
Jan 2007	4.83	0.10	22.51	53.6	12,548.4	0.00	0.00
Feb 2007	4.15	0.10	21.36	54.2	11,261.5	0.00	0.00
Mar 2007	4.78	0.10	22.39	51.5	12,350.8	0.00	0.00
Limits							
6 Mo Median	21.000	0.200	42.000	61.000	130000.000		
Daily Max	83.000	0.810	170.000	240.000	500000.000		
Instantaneous	210.000	6.100	1300.000	610.000	1300000.000		
Performance							
Minimum	4.15	0.10	21.36	51.53	11,261.48	0.00	0.00
Maximum	4.83	0.10	22.72	54.88	12,548.38	0.00	0.00
Average	4.51	0.10	22.35	53.42	11,973.15	0.00	0.00
Median	4.28	0.10	22.54	55.70	11910.75	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE							
Month	Effluent Beta BHC ug/L	Effluent Beta BHC lbs/day	Effluent Gamma BHC ug/L	Effluent Gamma BHC lbs/day	Effluent Delta BHC ug/L	Effluent Delta BHC lbs/day	Effluent Total HCH ug/L
Oct 2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nov 2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dec 2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jan 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mar 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Limits							
6 Mo Median							0.400
Daily Max							0.810
Instantaneous							1.200
Performance							
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE									
Month	Effluent Total HCH lbs/d	Effluent Alpha Endosulfan ug/L	Effluent Alpha Endosulfan lbs/day	Effluent Beta Endosulfan ug/L	Effluent Beta Endosulfan lbs/day	Effluent Endosulfan Sulfate ug/L	Effluent Endosulfan Sulfate lbs/day	Effluent Total Endosulfan ug/L	
Oct 2006	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Nov 2006	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Dec 2006	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Jan 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Feb 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Mar 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Limits									
6 Mo Median	0.083								0.910
Daily Max	0.170								1.800
Instantaneous	0.250								2.700
Performance									
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE									
Month	Effluent Total Endosulfan lbs/d	Effluent Endrin ug/L	Effluent Endrin lbs/day	Effluent 2-Chloro Phenol mg/L	Effluent 2-Chloro Phenol lbs/day	Effluent 2,4Dichloro Phenol mg/L	Effluent 2,4Dichloro Phenol lbs/day	Effluent 4-Chlor-3 Methylphenol mg/L	
Oct 2006	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Nov 2006	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Dec 2006	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Jan 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Feb 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Mar 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000	
Limits									
6 Mo Median	0.190	0.200	0.042						
Daily Max	0.380	0.400	0.083						
Instantaneous	0.560	0.610	0.130						
Performance									
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE								
Month	4-Chlor-3-Methyl Phenol lbs/day	2,4,6 Tri-chloro phenol ug/L	2,4,6 Tri-chloro phenol lbs/day	Penta Chloro Phenol mg/L	Penta Chloro Phenol lbs/day	Total Chlorinated Phenols mg/L	Total Chlorinated Phenols lbs/d	Phenol ug/L
Oct 2006	0.0	0.0	0.0	0.000	0.000	0.000	0.00	3.2
Nov 2006	0.0	0.0	0.0	0.000	0.000	0.000	0.00	2.6
Dec 2006	0.0	0.0	0.0	0.000	0.000	0.000	0.00	1.6
Jan 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	9.0
Feb 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	2.5
Mar 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	6.0
Limits								
6 Mo Median						0.100	21.000	
Daily Max						0.400	83.000	
Instantaneous		29.000	6.000			1.000	210.000	
Performance								
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.02
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.15
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE									
Month	Phenol lbs/day	2-Nitro Phenol ug/L	2-Nitro Phenol lbs/day	2,4 Dimethyl Phenol ug/L	2,4 Dimethyl Phenol lbs/day	2,4 Dinitro Phenol ug/L	2,4 Dinitro Phenol lbs/day	4-Nitro Phenol ug/L	
Oct 2006	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Nov 2006	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Dec 2006	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Jan 2007	1.9	0.0	0.0	0.7	0.2	0.0	0.0	0.0	
Feb 2007	0.5	0.0	0.0	0.3	0.1	0.0	0.0	0.0	
Mar 2007	1.4	0.0	0.0	0.7	0.1	0.0	0.0	0.0	
Limits									
6 Mo Median									
Daily Max									
Instantaneous						0.400	83.000		
Performance									
Minimum	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	1.94	0.00	0.00	0.74	0.16	0.00	0.00	0.00	
Average	0.87	0.00	0.00	0.28	0.07	0.00	0.00	0.00	
Median	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE

Month	4-Nitro Phenol lbs/day	2-Methyl 4,6 dinitro phenol mg/L	2-Methyl 4,6 dinitro phenol lbs/day	Total Non-Chlorinated Phenols mg/L	Total Non-Chlorinated Phenols lbs
Oct 2006	0.0	0.000	0.000	0.003	0.63
Nov 2006	0.0	0.000	0.000	0.003	0.55
Dec 2006	0.0	0.000	0.000	0.001	0.15
Jan 2007	0.0	0.000	0.000	0.010	2.10
Feb 2007	0.0	0.000	0.000	0.003	0.56
Mar 2007	0.0	0.000	0.000	0.007	1.50

Limits

6 Mo Median				3.000	630.000
Daily Max				12.000	2500.000
Instantaneous		22.000	4600.000	30.000	6300.000

Performance

Minimum	0.00	0.00	0.00	0.00	0.15
Maximum	0.00	0.00	0.00	0.01	2.10
Average	0.00	0.00	0.00	0.00	0.92
Median	0.00	0.00	0.00	0.002	0.43

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Flows and Grab Samples

Date	Influent	Canyon Collector	Influent Settiable	Influent Settleable	Influent pH	Influent Oil & Grease	7 Day Avg
	Flow (MGD)	Flow (MGD)	Solids (ml/L)	Solids (ml/L)	SU	(mg/L)	7 day
LIMITS							
03/01/07	26.59	0.382160		5.1			34.6
03/02/07	27.73	1.270682		5.1			34.6
03/03/07	28.41	0.659228		5.1			34.6
03/04/07	28.78	0.152864		5.1			34.6
03/05/07	28.43	0.257958					
03/06/07	30.87	0.171972	3.7	3.7	7.2	31.7	31.7
03/07/07	30.26	0.257958		3.7			31.7
03/08/07	29.97	0.200634		3.7			31.7
03/09/07	31.23	0.257958		3.7			31.7
03/10/07	30.82	0.286620		3.7			31.7
03/11/07	27.07	1.375776		3.7			31.7
03/12/07	28.50	0.267512		3.7			31.7
03/13/07	26.12	0.286620					
03/14/07	24.77	0.277066	4.6	4.6	7.3	28.7	28.7
03/15/07	25.67	0.496808		4.6			28.7
03/16/07	24.68	0.191080		4.6			28.7
03/17/07	26.10	0.257958		4.6			28.7
03/18/07	23.10	0.286620		4.6			28.7
03/19/07	26.80	0.237040		4.6			28.7
03/20/07	25.12	0.200634		4.6			28.7
03/21/07	28.61	1.070048					
03/22/07	28.51	2.206974	3.7	3.7	7.1	29.4	29.4
03/23/07	20.21	0.840752		3.7			29.4
03/24/07	21.03	0.372606		3.7			29.4
03/25/07	20.03	0.229296		3.7			29.4
03/26/07	23.73	0.181526		3.7			29.4
03/27/07	23.40	0.152864		3.7			29.4
03/28/07	28.23	0.191080		3.7			29.4
03/29/07	25.60	0.152864					
03/30/07	30.40	0.191080	5.2	5.2	7.2	32.4	32.4
03/31/07	31.52	0.210188		5.2			32.4
Average	26.85	0.44	4.30	4.25	7.20	30.55	30.81
Maximum	31.52	2.21	5.20	5.20	7.30	32.40	34.60
Minimum	20.03	0.15	3.70	3.70	7.10	28.70	28.70

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	March	2007		
Report Frequency:	Monthly		Sampling Point:	Influent
Samples Collected By:	Veolia Water		Analyzed By:	Sierra Labs

BOD and Solids

Date	Influent Temp (C)	Influent TSS (mg/L)	Influent TSS 7D AV (mg/L)	Influent VSS (mg/L)	Influent BOD (mg/L)	Influent Soluable BOD (mg/L)	Influent CBOD (mg/L)	Influent 7D Av (mg/L)
LIMITS								
03/01/07	18.5	292	290				328	319
03/02/07	19.0	302	289				340	319
03/03/07	19.0	212	275				261	310
03/04/07	19.0	433	292				462	327
03/05/07	20.0	288	294				318	328
03/06/07	19.0	433	315	221	496	420	472	351
03/07/07	20.3	405	338				472	379
03/08/07	19.8	345	345				381	387
03/09/07	20.0	209	332				283	378
03/10/07	18.8	248	337				316	386
03/11/07	19.0	236	309				298	363
03/12/07	22.0	437	330				482	386
03/13/07	25.0	291	310				359	370
03/14/07	19.3	326	299	132	368	321	351	353
03/15/07	20.0	280	290				340	347
03/16/07	20.7	499	331				518	381
03/17/07	19.0	274	335				328	382
03/18/07	18.5	300	344				394	396
03/19/07	19.5	329	328				340	376
03/20/07	25.0	315	332				338	373
03/21/07	19.0	302	328				320	368
03/22/07	19.0	367	341	127	409	349	375	373
03/23/07	20.3	251	305				280	339
03/24/07	20.0	419	326				445	356
03/25/07	19.5	363	335				375	353
03/26/07	18.0	382	343				432	366
03/27/07	20.0	344	347				360	370
03/28/07	19.0	327	350				341	373
03/29/07	20.0	341	347				362	371
03/30/07	21.0	308	355	138	346	288	329	378
03/31/07	19.4	286	336				316	359
Average	19.89	327.23	323.48	154.50	404.75	344.50	365.03	361.84
Maximum	25.00	499.00	354.86	221.00	496.00	420.00	518.00	396.00
Minimum	18.00	209.00	275.43	127.00	346.00	288.00	261.00	309.57

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Composite Samples

Date	Influent COD (mg/L)	Influent Floatables (mg/L)	Influent TDS (mg/L)	Influent Turbidity (NTU)	Influent Turbidity 7-Day (NTU)	Influent Ammonia (mg/L)	Influent Total Solids (mg/L)	Influent Volatile Solids (mg/L)
LIMITS								
03/01/07					180.0			
03/02/07					180.0			
03/03/07					180.0			
03/04/07					180.0			
03/05/07								
03/06/07	846	3.8	1,660	180	180.0	51.5	2,160	1,050
03/07/07					180.0			
03/08/07					180.0			
03/09/07					180.0			
03/10/07					180.0			
03/11/07					180.0			
03/12/07					180.0			
03/13/07								
03/14/07	764	4.7	1,580	180	180.0	46.5	2,130	1,040
03/15/07					180.0			
03/16/07					180.0			
03/17/07					180.0			
03/18/07					180.0			
03/19/07					180.0			
03/20/07					180.0			
03/21/07								
03/22/07	782	3.9	1,610	180	180.0	49.3	2,130	1,030
03/23/07					180.0			
03/24/07					180.0			
03/25/07					180.0			
03/26/07					180.0			
03/27/07					180.0			
03/28/07					180.0			
03/29/07								
03/30/07	883	5.3	1,710	180	180.0	49.0	2,230	1,220
03/31/07					180.0			
Average	818.75	4.43	1,640.00	180.00	180.00	49.08	2,162.50	1,085.00
Maximum	883.00	5.30	1,710.00	180.00	180.00	51.50	2,230.00	1,220.00
Minimum	764.00	3.80	1,580.00	180.00	180.00	46.50	2,130.00	1,030.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Metals

Date	Influent Antimony (mg/L)	Influent Antimony Pounds/ Day	Influent Arsenic (mg/L)	Influent Arsenic Pounds/ Day	Influent Beryllium (mg/L)	Influent Beryllium Pounds/ Day	Influent Cadmium (mg/L)	Influent Cadmium Pounds/ Day	Influent Total Chromium (mg/L)	Influent Chromium Pounds/ Day
03/01/07										
03/02/07										
03/03/07										
03/04/07										
03/05/07										
03/06/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.019	4.995
03/07/07										
03/08/07										
03/09/07										
03/10/07										
03/11/07										
03/12/07										
03/13/07										
03/14/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
03/15/07										
03/16/07										
03/17/07										
03/18/07										
03/19/07										
03/20/07										
03/21/07										
03/22/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
03/23/07										
03/24/07										
03/25/07										
03/26/07										
03/27/07										
03/28/07										
03/29/07										
03/30/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.007	1.661
03/31/07										
Average	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.007	1.664
Maximum	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.019	4.995
Minimum	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Metals

Date	Influent Copper (mg/L)	Influent Copper Pounds/ Day	Influent Iron (mg/L)	Influent Lead (mg/L)	Influent Lead Pounds/ Day	Influent Mercury (ug/L)	Influent Mercury Pounds/ Day	Influent Nickel (mg/L)	Influent Nickel Pounds/ Day
LIMITS			.16	34	.0054	1.1			
03/01/07									
03/02/07									
03/03/07									
03/04/07									
03/05/07									
03/06/07	0.090	23.145	17.200	0.000	0.000	0.800000	0.205965	0.035	8.959
03/07/07									
03/08/07									
03/09/07									
03/10/07									
03/11/07									
03/12/07									
03/13/07									
03/14/07	0.025	5.144	6.340	0.000	0.000	0.000000	0.000000	0.021	4.338
03/15/07									
03/16/07									
03/17/07									
03/18/07									
03/19/07									
03/20/07									
03/21/07									
03/22/07	0.000	0.000	1.330	0.000	0.000	0.000000	0.000000	0.042	9.915
03/23/07									
03/24/07									
03/25/07									
03/26/07									
03/27/07									
03/28/07									
03/29/07									
03/30/07	0.046	11.561	8.340	0.000	0.000	0.000300	0.000076	0.021	5.350
03/31/07									
Average	0.040	9.963	8.303	0.000	0.000	0.200075	0.051510	0.030	7.141
Maximum	0.090	23.145	17.200	0.000	0.000	0.800000	0.205965	0.042	9.915
Minimum	0.000	0.000	1.330	0.000	0.000	0.000000	0.000000	0.021	4.338

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Lab

Influent Metals

Date	Influent Selenium (mg/L)	Influent Silver (mg/L)	Influent Silver Pounds/ Day	Influent Thallium (mg/L)	Influent Zinc (mg/L)	Influent Zinc Pounds/ Day
LIMITS					.0054	1.1
03/01/07						
03/02/07						
03/03/07						
03/04/07						
03/05/07						
03/06/07	0.000	0.000	0.000	0.000	0.155	39.906
03/07/07						
03/08/07						
03/09/07						
03/10/07						
03/11/07						
03/12/07						
03/13/07						
03/14/07	0.000	0.000	0.000	0.000	0.069	14.254
03/15/07						
03/16/07						
03/17/07						
03/18/07						
03/19/07						
03/20/07						
03/21/07						
03/22/07	0.000	0.000	0.000	0.000	0.075	17.857
03/23/07						
03/24/07						
03/25/07						
03/26/07						
03/27/07						
03/28/07						
03/29/07						
03/30/07	0.000	0.000	0.000	0.000	0.127	32.199
03/31/07						
Average	0.000	0.000	0.000	30.504	0.107	26.054
Maximum	0.000	0.000	0.000	34.600	0.155	39.906
Minimum	0.000	0.000	0.000	28.700	0.069	14.254

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	March 2007	
Report Frequency:	Monthly	Sampling Point:
Samples Collected By:	Veolia Water	Analyzed By:
		Sierra Labs

Influent Cyanide and Radiation

Date	Influent Cyanide (mg/L)	Influent Cyanide Pounds/ Day	Influent Alpha (pc/L)	Influent Beta (pc/L)
LIMITS				
03/01/07				
03/02/07				
03/03/07				
03/04/07				
03/05/07				
03/06/07	0.020	5.149	3.39+/-2.24	21.7+/-5.1
03/07/07				
03/08/07				
03/09/07				
03/10/07				
03/11/07				
03/12/07				
03/13/07				
03/14/07	0.020	4.132		
03/15/07				
03/16/07				
03/17/07				
03/18/07				
03/19/07				
03/20/07				
03/21/07				
03/22/07	0.020	4.755		
03/23/07				
03/24/07				
03/25/07				
03/26/07				
03/27/07				
03/28/07				
03/29/07				
03/30/07	0.020	5.071		
03/31/07				
Average	0.020	4.777	3.39+/-2.24	21.7+/-5.1
Maximum	0.020	5.149	3.39+/-2.24	21.7+/-5.1
Minimum	0.020	4.132	3.39+/-2.24	21.7+/-5.1

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Pesticides

Date	Influent Aldrin (ug/L)	Influent Dieldrin (ug/L)	Influent Alpha BHC (ug/L)	Influent Beta BHC (ug/L)	Influent Gamma BHC (ug/L)	Influent Gamma BHC (lbs/Day)	Influent Delta BHC (ug/L)	Influent Total HCH (ug/L)	Influent p,p'-DDD (ug/L)
LIMITS									
03/01/07									
03/02/07									
03/03/07									
03/04/07									
03/05/07									
03/06/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/07/07									
03/08/07									
03/09/07									
03/10/07									
03/11/07									
03/12/07									
03/13/07									
03/14/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/15/07									
03/16/07									
03/17/07									
03/18/07									
03/19/07									
03/20/07									
03/21/07									
03/22/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/23/07									
03/24/07									
03/25/07									
03/26/07									
03/27/07									
03/28/07									
03/29/07									
03/30/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/31/07									
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	March	2007		
Report Frequency:	Monthly		Sampling Point:	Influent
Samples Collected By:	Veolia Water		Analyzed By:	Sierra Labs

Influent Pesticides

Date	Influent p,p'-DDE (ug/L)	Influent p,p'-DDT (ug/L)	Influent o,p-DDD (ug/L)	Influent o,p-DDE (ug/L)	Influent o,p-DDT (ug/L)	Influent Total DDT (ug/L)	Influent Heptachlor (ug/L)	Influent Heptachlor Epoxide (ug/L)	Influent Total Heptachlor (ug/L)
LIMITS									
03/01/07									
03/02/07									
03/03/07									
03/04/07									
03/05/07									
03/06/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/07/07									
03/08/07									
03/09/07									
03/10/07									
03/11/07									
03/12/07									
03/13/07									
03/14/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/15/07									
03/16/07									
03/17/07									
03/18/07									
03/19/07									
03/20/07									
03/21/07									
03/22/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/23/07									
03/24/07									
03/25/07									
03/26/07									
03/27/07									
03/28/07									
03/29/07									
03/30/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/31/07									
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Pesticides

Date	Influent Alpha(cis) Chlordane (ug/L)	Influent gamma-trans Chlordane (ug/L)	Influent Oxy-Chloro Chlordane (ug/L)	Influent Trans-Chloro Nonachlor (ug/L)	Influent cis-Chloro Nonachlor (ug/L)	Influent Total Chlordane (ug/L)
LIMITS						
03/01/07						
03/02/07						
03/03/07						
03/04/07						
03/05/07						
03/06/07	0.0	0.00	0.0	0.0	0.0	0.0
03/07/07						
03/08/07						
03/09/07						
03/10/07						
03/11/07						
03/12/07						
03/13/07						
03/14/07	0.0	0.00	0.0	0.0	0.0	0.0
03/15/07						
03/16/07		0.00				
03/17/07						
03/18/07						
03/19/07						
03/20/07						
03/21/07						
03/22/07	0.0	0.00	0.0	0.0	0.0	0.0
03/23/07						
03/24/07						
03/25/07						
03/26/07						
03/27/07						
03/28/07						
03/29/07						
03/30/07	0.0	0.00	0.0	0.0	0.0	0.0
03/31/07						
Average	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Pesticides

Date	Influent Alpha Enodosulfan (ug/L)	Influent Beta Endosulfan (ug/L)	Influent Endosulfan Sulfate (ug/L)	Influent Total Endosulfan (ug/L)	Influent Endrin (ug/L)	Influent Endrin aldehyde (ug/L)	Influent Mirex (ug/L)	Influent Methoxy chlor (ug/L)	Influent Toxaphene (ug/L)
LIMITS									
03/01/07									
03/02/07									
03/03/07									
03/04/07									
03/05/07									
03/06/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/07/07									
03/08/07									
03/09/07									
03/10/07									
03/11/07									
03/12/07									
03/13/07									
03/14/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/15/07									
03/16/07									
03/17/07									
03/18/07									
03/19/07									
03/20/07									
03/21/07									
03/22/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/23/07									
03/24/07									
03/25/07									
03/26/07									
03/27/07									
03/28/07									
03/29/07									
03/30/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/31/07									
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent PCB's

Date	Influent PCB 1016 (ug/L)	Influent PCB 1221 (ug/L)	Influent PCB 1232 (ug/L)	Influent PCB 1242 (ug/L)	Influent PCB 1254 (ug/L)	Influent PCB 1260 (ug/L)	Influent PCB 1262 (ug/L)	Influent Total PCB's (ug/L)
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Benzidine and Organo-Tin

Date	Influent Benzidine (ug/L)	Influent 3,3 Dichloro Benzidine (ug/L)	Influent Tributyl (ug/L)	Influent Dibutyl (ug/L)	Influent Monbutyl (ug/L)	Influent Keptone (ug/L)
LIMITS						
03/01/07						
03/02/07						
03/03/07						
03/04/07						
03/05/07						
03/06/07	0.00	0.00	0.00	0.00	0.00	0.00
03/07/07						
03/08/07						
03/09/07						
03/10/07						
03/11/07						
03/12/07						
03/13/07						
03/14/07					0.00	
03/15/07						
03/16/07						
03/17/07						
03/18/07						
03/19/07						
03/20/07						
03/21/07						
03/22/07					0.00	
03/23/07						
03/24/07						
03/25/07						
03/26/07						
03/27/07						
03/28/07						
03/29/07						
03/30/07					0.00	
03/31/07						
Average	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	March 2007	
Report Frequency:	Monthly	Sampling Point:
Samples Collected By:	Veolia Water	Analyzed By:
		Influent Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent bis(2-chloro ethyl) ether	Influent metadi chloro benzene	Influent orthodi chloro benzene	Influent paradi chloro benzene	Influent bis (2-chloro isopropyl) ehter	Influent N-nitrosodi propylamine	Influent Nitro Benzene	Influent Hexachloro Ethane
LIMITS	(ug/L)	(g/L)	(g/L)	(mg/L)	(mg/L)	(ug/L)	(mg/L)	(ug/L)
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000000	0.000002	0.000002	0.000000	0.000	0.000	0.000	0.000
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07								
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07								
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07								
03/31/07								
Average	0.000000	0.000002	0.000002	0.000000	0.000	0.000	0.000	0.000
Maximum	0.000000	0.000002	0.000002	0.000000	0.000	0.000	0.000	0.000
Minimum	0.000000	0.000002	0.000002	0.000000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent iso phorone	Influent bis (2-chlor oethoxy) methane	Influent 1,2,4 Tri chloro benzene	Influent Naph thalene	Influent Hexachloro butadiene	Influent Hexachloro cyclopenta diene	Influent ace-naphthy lene	Influent Dimethyl phthalate
LIMITS	(g/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(ug/L)	(g/L)
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000000	0.000	0.00	0.00	0.000	0.000	0.0	0.000000
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07								
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07								
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07								
03/31/07								
Average	0.000000	0.000	0.00	0.00	0.000	0.000	0.00	0.000000
Maximum	0.000000	0.000	0.00	0.00	0.000	0.000	0.00	0.000000
Minimum	0.000000	0.000	0.00	0.00	0.000	0.000	0.00	0.000000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point: Influent
 Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent 2,6 Dinitro toluene LIMITS (ug/L)	Influent ace- naph thene (ug/L)	Influent 2,4- dinitro toluene (ug/L)	Influent Fluorene (ug/L)	Influent 4-chloro phenyl ether (ug/L)	Influent diethyl phthalate (g/L)	Influent N-nitro diphenyl amine (ug/L)	Influent 4-bromo phenyl ether (ug/L)	Influent Hexachloro benzene (ug/L)
03/01/07									
03/02/07									
03/03/07									
03/04/07									
03/05/07									
03/06/07	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000
03/07/07									
03/08/07									
03/09/07									
03/10/07									
03/11/07									
03/12/07									
03/13/07									
03/14/07									
03/15/07									
03/16/07									
03/17/07									
03/18/07									
03/19/07									
03/20/07									
03/21/07									
03/22/07									
03/23/07									
03/24/07									
03/25/07									
03/26/07									
03/27/07									
03/28/07									
03/29/07									
03/30/07									
03/31/07									
Average	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000
Maximum	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000
Minimum	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000

NPDES NO. CA0108928
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent Phenanthrene (pah) (ug/L)	Influent anthracene (ug/L)	Influent Di-N-Butyl phthalate (mg/L)	Influent N-Nitrosodi methyl amine (mg/L)	Influent Fluoranthene (pah) (mg/L)	Influent Pyrene (pah) (ug/L)	Influent Butyl phthalate (ug/L)	Influent Chrysene (pah) (ug/L)
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07								
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07								
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07								
03/31/07								
Average	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00
Maximum	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00
Minimum	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent Benzo(A) antracene	Influent bis (2-ethyl hexyl) Phthalate	Influent Di-n-octyl phthalate	Influent Benzo(K) Flouran thene	Influent Benzo(B) Flouran thene	Influent Benzo(A) Pyrene	Influent Indeno (1,2,3 CD) Pyrene	Influent Dibenzo (A,H) Antra cene
LIMITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07								
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07								
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07								
03/31/07								
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	March	2007
Report Frequency:	Monthly	
Samples Collected By:	Veolia Water	
		Sampling Point:
		Analyzed By:
		Influent
		Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent Benzo (G,H,I) Perylene LIMITS (ug/L)	Influent 1,2 Diphenyl hydrazine (ug/L)	Influent Total PAH (ug/L)	Influent 2-chloro phenol (ug/L)	Influent 2,4 Dichloro phenol (ug/L)	Influent 4-chloro -3- methyl phenol (ug/L)	Influent 2,4,6 Tri chloro phenol (ug/L)	Influent Penta chloro phenol (ug/L)
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.00	0.00	0.00	0.000	0.000	0.000	0.00	0.000
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07				0.000	0.000	0.000	0.00	0.000
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07				0.000	0.000	0.000	0.00	0.000
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07				0.000	0.000	0.000	0.00	0.000
03/31/07								
Average	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
Maximum	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
Minimum	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	March	2007	
Report Frequency:	Monthly		Sampling Point:
Samples Collected By:	Veolia Water	Analyzed By:	Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Total chlorinated phenols (ug/L)	Influent Phenol (ug/L)	Influent 2-nitro phenol (ug/L)	Influent 2,4-Dimethyl phenol (ug/L)	Influent 2,4 dinitro phenol (ug/L)	Influent 4 nitro phenol (ug/L)	Influent 2-methyl -4,6-dinitro phenol (ug/L)	Influent Total Non-chlorinated phenols (ug/L)
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000	21.0	0.00	1.20	0.00	0.00	0.000	0.022
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07	0.000	0.0	0.00	0.00	0.00	0.00	0.000	0.000
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07	0.000	0.0	0.00	0.00	0.00	0.00	0.000	0.000
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07	0.000	4.7	0.00	0.00	0.00	0.00	0.000	0.005
03/31/07								
Average	0.000	6.43	0.00	0.30	0.00	0.00	0.000	0.007
Maximum	0.000	21.00	0.00	1.20	0.00	0.00	0.000	0.022
Minimum	0.000	0.00	0.00	0.00	0.00	0.00	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Chloro Methane (mg/L)	Influent bromo methane (mg/L)	Influent Vinyl Chloride (mg/L)	Influent Chlоро Ethane (ug/L)	Influent 1,1 dichloro Ethene (g/L)	Influent Trichloro Flouro Methane (ug/L)	Influent Methlyene chloride (mg/L)	Influent 1,1 Dichloro ethane (ug/L)	Influent Trans- 1,2 Dichloro ethene (ug/L)
03/01/07									
03/02/07									
03/03/07									
03/04/07									
03/05/07									
03/06/07	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0	0.00
03/07/07									
03/08/07									
03/09/07									
03/10/07									
03/11/07									
03/12/07									
03/13/07									
03/14/07									
03/15/07									
03/16/07									
03/17/07									
03/18/07									
03/19/07									
03/20/07									
03/21/07									
03/22/07									
03/23/07									
03/24/07									
03/25/07									
03/26/07									
03/27/07									
03/28/07									
03/29/07									
03/30/07									
03/31/07									
Average	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0	0.00
Maximum	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0	0.00
Minimum	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Chloroform	Influent 1,2 Dichloro ethane	Influent 1,1,1 Trichloro ethane	Influent Carbon Tetra Chloride	Influent DCBM	Influent 1,2 Di chloro propane	Influent Trans- 1,3 Dichloro propene	Influent Trichloro ethene	Influent Benzene
	(mg/L)	(mg/L)	(g/L)	(ug/L)	(mg/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)
03/01/07									
03/02/07									
03/03/07									
03/04/07									
03/05/07									
03/06/07	0.0034	0.000	0.000000	0.00	0.0012	0.000	0.000	0.0000	0.000
03/07/07									
03/08/07									
03/09/07									
03/10/07									
03/11/07									
03/12/07									
03/13/07									
03/14/07									
03/15/07									
03/16/07									
03/17/07									
03/18/07									
03/19/07									
03/20/07									
03/21/07									
03/22/07									
03/23/07									
03/24/07									
03/25/07									
03/26/07									
03/27/07									
03/28/07									
03/29/07									
03/30/07									
03/31/07									
Average	0.0034	0.000	0.000000	0.00	0.0012	0.000	0.000	0.0000	0.000
Maximum	0.0034	0.000	0.000000	0.00	0.0012	0.000	0.000	0.0000	0.000
Minimum	0.0034	0.000	0.000000	0.00	0.0012	0.000	0.000	0.0000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Dibromo chloro methane (ug/L)	Influent 1,1,2 Trichloro ethane (g/L)	Influent cis-1,3 Dichloro propene (ug/L)	Influent 2-Chloro ethyl vinyl ether (ug/L)	Influent Bromoform (mg/L)	Influent 1,1,2,2-tetrachlor oethene (mg/L)	Influent Tetrachloroethene (mg/L)	Influent Toluene (g/L)	Influent Chloro Benzene (mg/L)
03/01/07									
03/02/07									
03/03/07									
03/04/07									
03/05/07									
03/06/07	2.1000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000002	0.000000
03/07/07									
03/08/07									
03/09/07									
03/10/07									
03/11/07									
03/12/07									
03/13/07									
03/14/07									
03/15/07									
03/16/07									
03/17/07									
03/18/07									
03/19/07									
03/20/07									
03/21/07									
03/22/07									
03/23/07									
03/24/07									
03/25/07									
03/26/07									
03/27/07									
03/28/07									
03/29/07									
03/30/07									
03/31/07									
Average	2.1000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000002	0.000000
Maximum	2.1000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000002	0.000000
Minimum	2.1000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000002	0.000000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Ethyl benzine (mg/L)	Influent 2- Butanone (MEK) (ug/L)	Influent Carbon Disulfide (mg/L)	Influent Total Halo methanes (ug/L)	Influent Acrylo nitrile (ug/L)	Influent Acrylo nitrile (lbs/Day)	Influent Acrolien (ug/L)	Influent Acrolien (lbs/Day)
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07								
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07								
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07								
03/31/07								
Average	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	March	2007	
Report Frequency:	Monthly		Sampling Point:
Samples Collected By:	Veolia Water		Analyzed By:
			Influent
			Sierra Labs

Influent TCDD Equivalents

Date	Influent 2,3,7,8 tetra CDD (ng/L)	Influent 1,2,3,7,8 Penta CDD (ng/L)	Influent 1,2,3,4,7,8 Hexa CDD (ng/L)	Influent 1,2,3,6,7,8 Hexa CDD (ng/L)	Influent 1,2,3,7,8,9 Hepta CDD (ng/L)	Influent 1,2,3,4,6,7,8 Octa CDD (ng/L)	Influent 2,3,7,8 Tetra CDF (ng/L)	Influent 2,3,7,8 Penta CDF (ng/L)
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07								
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
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03/21/07								
03/22/07								
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07								
03/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent TCDD Equivalents

Date	Influent 2,3,6,7,8-	Influent 1,2,3,4,7,8-	Influent 1,2,3,6,7,8	Influent 1,2,3,7,8,9	Influent 2,3,4,6,	Influent 1,2,3,4,6,7,8	Influent 1,2,3,4,7,8	Influent TOTAL	Influent TOTAL	
	Penta CDF (ng/L)	hexa CDF (ng/L)	hexa CDF (ng/L)	hexa CDF (ng/L)	7,8-hexa CDF (ng/L)	hepta CDF (ng/L)	9- hepta CDF (ng/L)	Octa CDF (ng/L)	TCDD (ng/L)	TCDD (lbs/d)
03/01/07										
03/02/07										
03/03/07										
03/04/07										
03/05/07										
03/06/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0.00000000
03/07/07										
03/08/07										
03/09/07										
03/10/07										
03/11/07										
03/12/07										
03/13/07										
03/14/07										
03/15/07										
03/16/07										
03/17/07										
03/18/07										
03/19/07										
03/20/07										
03/21/07										
03/22/07										
03/23/07										
03/24/07										
03/25/07										
03/26/07										
03/27/07										
03/28/07										
03/29/07										
03/30/07										
03/31/07										
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Flows and Grab Samples

Date	Effluent Flow (MGD)	Effluent	Effluent	PE	PEEC/FEB	Effluent	7 Day Avg
		Flow MGD	Flow MGD	Emergency Flow MGD	Effluent MGD	Settleable Solids ml/L	Effluent Settleable Solids ml/L
LIMITS							
03/01/07	24.65	22.67	23.40	0.00	0.00	0.10	0.10
03/02/07	25.19	22.96	23.46	0.00	0.00	0.10	0.10
03/03/07	26.39	23.84	23.87	0.00	0.00	0.10	0.10
03/04/07	25.24	24.72	24.11	0.00	0.00	0.10	0.10
03/05/07	25.54	25.35	24.32	0.00	0.00	0.10	0.10
03/06/07	27.45	25.69	24.62	0.00	0.00	0.10	0.10
03/07/07	27.42	25.98	24.85	0.00	0.00	0.10	0.10
03/08/07	26.92	26.31	25.00	0.00	0.00	0.10	0.10
03/09/07	27.54	26.64	25.06	0.00	0.00	0.10	0.10
03/10/07	27.86	26.85	25.09	0.00	0.00	0.10	0.10
03/11/07	24.10	26.69	25.05	0.00	0.00	0.10	0.10
03/12/07	22.18	26.21	24.84	0.00	0.00	0.10	0.10
03/13/07	23.17	25.60	24.78	0.00	0.00	0.10	0.10
03/14/07	22.72	24.93	24.69	0.00	0.00	0.10	0.10
03/15/07	23.14	24.39	24.48	0.00	0.00	0.10	0.10
03/16/07	22.12	23.61	24.51	0.00	0.00	0.10	0.10
03/17/07	23.83	23.04	24.57	0.00	0.00	0.10	0.10
03/18/07	21.20	22.62	24.41	0.00	0.00	0.10	0.10
03/19/07	27.19	23.34	24.34	0.00	0.00	0.10	0.10
03/20/07	22.80	23.29	24.31	0.00	0.00	0.10	0.10
03/21/07	26.23	23.79	23.91	0.00	0.00	0.10	0.10
03/22/07	27.98	24.48	24.08	0.00	0.00	0.10	0.10
03/23/07	17.91	23.88	24.16	0.00	0.00	0.10	0.10
03/24/07	19.29	23.23	24.07	0.00	0.00	0.10	0.10
03/25/07	18.08	22.78	23.90	0.00	0.00	0.10	0.10
03/26/07	21.26	21.94	23.93	0.00	0.00	0.10	0.10
03/27/07	21.83	21.80	24.03	0.00	0.00	0.10	0.10
03/28/07	24.13	21.50	24.13	0.00	0.00	0.10	0.10
03/29/07	24.07	20.94	24.09	0.00	0.00	0.10	0.10
03/30/07	26.84	22.21	24.14	0.00	0.00	0.10	0.10
03/31/07	28.46	23.52	24.27	0.00	0.00	0.10	0.10
Average	24.28	24.03	24.34	0.00	0.00	0.10	0.10
Maximum	28.46	26.85	25.09	0.00	0.00	0.10	0.10
Minimum	17.91	20.94	23.40	0.00	0.00	0.10	0.10

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	March	2007		
Report Frequency:	Monthly		Sampling Point:	Effluent
Samples Collected By:	Veolia Water		Analyzed By:	Sierra Labs

Effluent Oil and Grease

Date	Effluent pH	Effluent Temperature	Effluent Oil & Grease (mg/L)	Effluent Oil & Grease (lbs/Day)	Effluent 7 Day Oil & Grease (mg/L)	Effluent 7 Day Oil & Grease (lbs/Day)	Effluent 30 Day Oil & 30 Day Oil & Grease (mg/L)	Effluent Grease (lbs/Day)
	SU	C	75.0	16,000	40	8300	25	5200
LIMITS	6.0-9.0							
03/01/07	7.2	18.3	11.6	2,385	12.6	2,386	13.2	2,574
03/02/07	7.2	17.2	12.6	2,647	12.3	2,359	13.2	2,596
03/03/07	7.2	18.9	11.9	2,619	12.2	2,425	13.2	2,627
03/04/07	7.0	18.0	14.8	3,115	12.6	2,604	13.2	2,660
03/05/07	7.2	18.0	11.6	2,471	12.4	2,630	13.1	2,669
03/06/07	7.0	16.7	10.6	2,427	12.0	2,564	13.0	2,685
03/07/07	7.0	20.0	13.8	3,156	12.4	2,689	13.1	2,717
03/08/07	7.2	18.9	10.6	2,380	12.3	2,688	13.0	2,710
03/09/07	7.0	20.0	11.9	2,733	12.2	2,700	12.8	2,692
03/10/07	7.2	18.9	9.2	2,138	11.8	2,631	12.7	2,656
03/11/07	7.0	18.0	9.9	1,990	11.1	2,471	12.5	2,620
03/12/07	7.0	19.8	11.3	2,090	11.0	2,416	12.5	2,585
03/13/07	7.3	21.1	13.0	2,512	11.4	2,428	12.5	2,580
03/14/07	7.2	20.6	10.6	2,009	10.9	2,264	12.3	2,546
03/15/07	7.2	20.0	9.2	1,775	10.7	2,178	12.3	2,509
03/16/07	7.0	20.6	10.8	1,992	10.6	2,072	12.2	2,504
03/17/07	7.0	20.0	12.1	2,405	11.0	2,110	12.1	2,485
03/18/07	6.9	17.5	13.5	2,387	11.5	2,167	12.1	2,480
03/19/07	7.0	18.0	9.9	2,245	11.3	2,189	12.0	2,442
03/20/07	7.2	19.8	11.6	2,206	11.1	2,146	11.9	2,417
03/21/07	7.2	19.0	9.3	2,034	10.9	2,149	11.7	2,330
03/22/07	7.3	19.0	12.8	2,987	11.4	2,322	11.7	2,354
03/23/07	7.0	20.6	10.2	1,524	11.3	2,255	11.7	2,356
03/24/07	7.2	20.6	9.5	1,528	11.0	2,130	11.6	2,336
03/25/07	7.3	18.0	11.4	1,719	10.7	2,035	11.5	2,299
03/26/07	7.0	17.6	8.8	1,560	10.5	1,937	11.4	2,278
03/27/07	7.3	18.0	13.4	2,440	10.8	1,970	11.5	2,298
03/28/07	7.2	18.7	13.0	2,616	11.3	2,053	11.5	2,309
03/29/07	7.2	18.7	9.5	1,907	10.8	1,899	11.3	2,276
03/30/07	7.0	20.0	13.4	3,000	11.3	2,110	11.4	2,300
03/31/07	7.2	20.0	10.2	2,421	11.4	2,238	11.3	2,301
Average	7.13	19.0	11.35	2,303.81	11.45	2,297.26	12.24	2,490.03
Maximum	7.30	21.1	14.80	3,155.82	12.64	2,700.14	13.23	2,716.97
Minimum	6.90	16.7	8.80	1,523.57	10.51	1,899.15	11.31	2,276.10

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Composite Samples

Date	Effluent TSS (mg/L)	Effluent TSS (lbs/Day)	Effluent TSS 7Day Average (mg/L)	Effluent TSS 7Day Average (lbs/Day)	Effluent TSS 30 Day Average (mg/L)	Effluent TSS 30 Day Average (lbs/Day)	Effluent VSS (mg/L)	Effluent BOD (mg/L)
LIMITS	50	10,000	45	9,400	30	6,300		
03/01/07	56.0	11,513	63.0	11,927	74	14,544	47.0	119.0
03/02/07	95.0	19,958	66.3	12,795	75	14,767	76.0	128.0
03/03/07	55.0	12,105	65.6	13,076	74	14,831	46.0	108.0
03/04/07	86.0	18,103	68.9	14,230	74	15,062	72.0	132.0
03/05/07	64.0	13,632	69.6	14,695	74	15,185	52.0	123.0
03/06/07	69.0	15,796	69.6	14,890	75	15,372	69.0	109.0
03/07/07	61.0	13,950	69.4	15,008	74	15,450	52.0	108.0
03/08/07	63.0	14,144	70.4	15,384	74	15,478	52.0	114.0
03/09/07	52.0	11,944	64.3	14,239	73	15,346	43.0	108.0
03/10/07	49.0	11,385	63.4	14,136	72	15,165	41.0	113.0
03/11/07	59.0	11,859	59.6	13,244	72	15,003	49.0	109.0
03/12/07	78.0	14,429	61.6	13,358	71	14,754	64.0	121.0
03/13/07	65.0	12,560	61.0	12,896	71	14,662	55.0	118.0
03/14/07	67.0	12,695	61.9	12,717	70	14,424	53.0	118.0
03/15/07	69.0	13,316	62.7	12,598	70	14,250	60.0	113.0
03/16/07	72.0	13,283	65.6	12,790	69	14,150	59.0	121.0
03/17/07	62.0	12,322	67.4	12,923	68	13,997	53.0	110.0
03/18/07	70.0	12,377	69.0	12,997	68	13,848	60.0	109.0
03/19/07	63.0	14,286	66.9	12,977	68	13,794	55.0	116.0
03/20/07	72.0	13,691	67.9	13,139	67	13,683	62.0	121.0
03/21/07	74.0	16,188	68.9	13,638	67	13,346	61.0	119.0
03/22/07	80.0	18,668	70.4	14,402	67	13,379	67.0	131.0
03/23/07	76.0	11,352	71.0	14,126	67	13,442	65.0	115.0
03/24/07	86.0	13,836	74.4	14,343	68	13,512	56.0	132.0
03/25/07	76.0	11,460	75.3	14,212	68	13,432	67.0	122.0
03/26/07	101.0	17,908	80.7	14,729	69	13,691	78.0	142.0
03/27/07	83.0	15,111	82.3	14,932	70	13,860	69.0	119.0
03/28/07	80.0	16,100	83.1	14,919	70	14,051	66.0	125.0
03/29/07	76.0	15,257	82.6	14,432	71	14,078	63.0	119.0
03/30/07	61.0	13,655	80.4	14,761	71	14,096	47.0	114.0
03/31/07	64.0	15,191	77.3	14,954	71	14,219	53.0	112.0
Average	70.45	14,131.42	69.69	13,853.77	70.71	14,350.68	58.45	118.32
Maximum	101.00	19,958.04	83.14	15,384.12	75.03	15,478.26	78.00	142.00
Minimum	49.00	11,352.07	59.57	11,927.47	66.77	13,345.54	41.00	108.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point: _____
 Analyzed By: _____ Effluent
 Sierra Labs

Effluent Composite Samples

Date	Effluent Soluable BOD (mg/L)	Effluent CBOD (mg/L)	Effluent CBOD (lbs/Day)	Effluent CBOD 7D Av (mg/L)	Effluent CBOD 7D Av (lbs/Day)	Effluent CBOD 30 D Av (mg/L)	Effluent CBOD 30 D Av (lbs/Day)	Effluent Floatables (mg/L)
LIMITS	45	9,400	40	8,300	25	5,200		
03/01/07	86.0	102	20,969	96	18,171	103	20,237	0.1
03/02/07	98.0	110	23,109	98	18,828	104	20,317	0.1
03/03/07	70.0	81	17,828	96	19,106	103	20,509	0.1
03/04/07	90.0	114	23,997	99	20,466	103	20,767	0.1
03/05/07	79.0	98	20,874	101	21,236	103	20,912	0.1
03/06/07	72.0	88	20,146	99	21,186	102	21,070	0.0
03/07/07	75.0	84	19,209	97	20,876	102	21,165	0.1
03/08/07	85.0	98	22,002	96	21,024	102	21,236	0.1
03/09/07	72.0	87	19,982	93	20,577	102	21,257	0.1
03/10/07	81.0	102	23,700	96	21,416	102	21,284	0.1
03/11/07	74.0	93	18,692	93	20,658	101	21,139	0.1
03/12/07	83.0	105	19,423	94	20,451	101	20,874	0.1
03/13/07	79.0	102	19,710	96	20,389	101	20,826	0.1
03/14/07	75.0	104	19,706	99	20,460	100	20,638	0.1
03/15/07	80.0	92	17,755	98	19,853	100	20,351	0.1
03/16/07	83.0	106	19,555	101	19,792	100	20,323	0.1
03/17/07	79.0	95	18,881	100	19,103	99	20,187	0.1
03/18/07	80.0	92	16,266	99	18,757	98	20,001	0.1
03/19/07	81.0	102	23,130	99	19,286	98	19,957	0.1
03/20/07	87.0	109	20,727	100	19,431	98	19,889	0.1
03/21/07	90.0	102	22,313	100	19,804	98	19,513	0.1
03/22/07	86.0	114	26,602	103	21,068	98	19,747	0.1
03/23/07	81.0	90	13,443	101	20,195	98	19,759	0.1
03/24/07	94.0	117	18,823	104	20,186	99	19,769	0.1
03/25/07	87.0	104	15,682	105	20,103	99	19,675	0.1
03/26/07	96.0	124	21,986	109	19,939	100	19,878	0.1
03/27/07	81.0	94	17,114	106	19,423	100	19,966	0.1
03/28/07	84.0	108	21,734	107	19,341	101	20,175	0.1
03/29/07	82.0	109	21,881	107	18,666	101	20,221	0.1
03/30/07	76.0	96	21,489	107	19,816	101	20,224	0.1
03/31/07	81.0	90	21,362	104	20,178	100	20,237	0.1
Average	82.16	100.39	20,260.97	100.10	19,993.06	100.55	20,390.42	0.10
Maximum	98.00	124.00	26,602.26	108.57	21,415.95	103.53	21,283.84	0.10
Minimum	70.00	81.00	13,443.25	92.86	18,171.29	97.93	19,512.84	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Composite Samples

Date	Effluent TDS	Effluent Turbidity	Effluent 7 Day AVG	Effluent Turbidity	Effluent COD	Effluent Total Solids	Effluent Volatile Solids
	(mg/L)	(NTU)	(NTU)	(NTU)	(mg/L)	(mg/L)	(mg/L)
LIMITS							
03/01/07	1,540	52.60	43.9	52.0			
03/02/07	1,550	40.40	42.1	51.7			
03/03/07	1,580	45.30	41.4	51.4			
03/04/07	1,600	48.60	43.0	51.7			
03/05/07	1,580	41.30	43.8	51.8			
03/06/07	1,630	50.30	44.9	51.9	282	2,140	1,110
03/07/07	1,720	45.70	46.3	52.0			
03/08/07	1,540	48.00	45.7	51.9			
03/09/07	1,710	45.60	46.4	51.6			
03/10/07	1,720	50.10	47.1	51.3			
03/11/07	1,740	45.60	46.7	51.5			
03/12/07	1,690	40.60	46.6	51.1			
03/13/07	1,590	49.60	46.5	50.7			
03/14/07	1,540	49.70	47.0	50.0	258	2,120	1,090
03/15/07	1,540	53.00	47.7	49.5			
03/16/07	1,690	50.00	48.4	49.2			
03/17/07	1,750	50.80	48.5	48.9			
03/18/07	1,720	46.30	48.6	48.7			
03/19/07	1,720	53.10	50.4	48.5			
03/20/07	1,560	48.00	50.1	47.6			
03/21/07	1,530	57.80	51.3	47.4			
03/22/07	1,590	52.20	51.2	47.1	264	2,100	1,140
03/23/07	1,550	50.90	51.3	47.1			
03/24/07	1,450	45.70	50.6	47.2			
03/25/07	1,580	51.10	51.3	47.1			
03/26/07	1,540	52.30	51.1	47.2			
03/27/07	1,560	48.20	51.2	47.6			
03/28/07	1,540	55.20	50.8	48.2			
03/29/07	1,490	60.20	51.9	48.8			
03/30/07	1,730	50.60	51.9	49.3	317	2,190	1,260
03/31/07	1,710	45.70	51.9	49.1			
Average	1,612.26	49.18	48.05	49.65	280.25	2,137.50	1,150.00
Maximum	1,750.00	60.20	51.94	52.03	317.00	2,190.00	1,260.00
Minimum	1,450.00	40.40	41.41	47.12	258.00	2,100.00	1,090.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Composite Samples

Date	Effluent Water Flea Toxicity (TUa)	Effluent 7 Day Water Flea Toxicity (TUa)	Effluent 30 Day Water Flea Toxicity (TUa)	Effluent Red Abalone (TUC)	Effluent Topsmelt Survival (TUC)	Effluent Survival Growth (TUC)	Effluent Total Coliform (mpn/100ml)
LIMITS	2.5	2.0	1.5	100			
03/01/07		5.8	4.5				
03/02/07		5.8	4.5				
03/03/07		5.8	4.5				
03/04/07		5.8	4.5				
03/05/07		5.8	4.5				
03/06/07	5.5	5.8	4.7	100.0			61,000
03/07/07		5.8	4.7				
03/08/07		5.5	4.7				
03/09/07		5.5	4.7				
03/10/07		5.5	4.7				
03/11/07		5.5	4.7				
03/12/07		5.5	4.7				
03/13/07			4.7				
03/14/07	5.8	5.8	4.9				
03/15/07		5.8	4.9				
03/16/07		5.8	5.4				
03/17/07		5.8	5.4				
03/18/07		5.8	5.4				
03/19/07		5.8	5.4				
03/20/07		5.8	5.4	50.0			
03/21/07			5.4				
03/22/07	5.8	5.8	5.7	50.0			
03/23/07		5.8	5.7				
03/24/07		5.8	5.7				
03/25/07		5.8	5.7				
03/26/07		5.8	5.7				
03/27/07		5.8	5.7				
03/28/07		5.8	5.7				
03/29/07			5.7				
03/30/07	10.5	10.5	6.9	100.0			
03/31/07		10.5	6.9				
Average	6.90	6.08	5.22	75.00			61,000.00
Maximum	10.50	10.50	6.90	100.00			61,000.00
Minimum	5.50	5.50	4.48	50.00			61,000.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly
 Samples Collected By: Veolia Water Sampling Point: Analyzed By: Effluent
 Sierra Labs

Effluent Metals

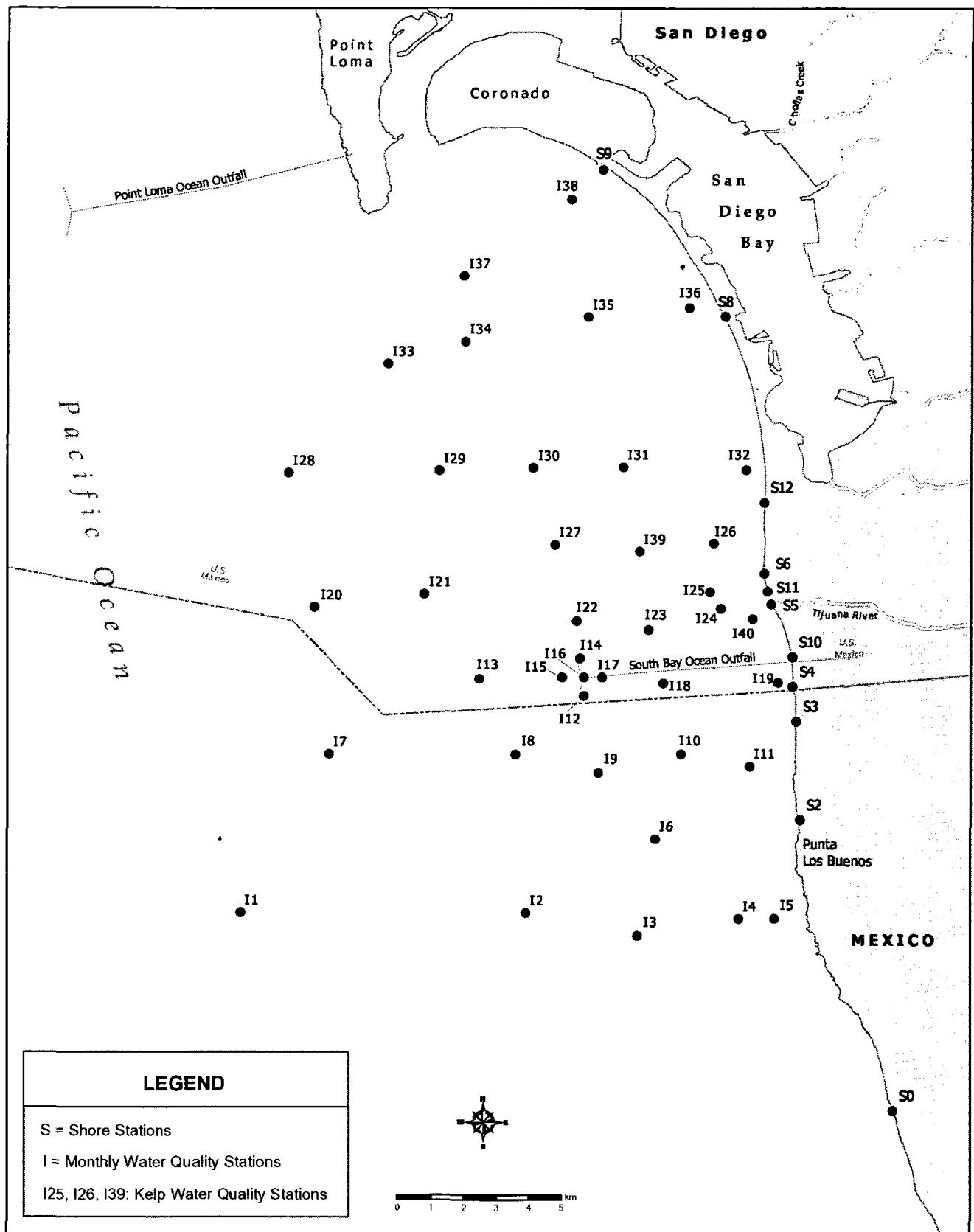
Date	Effluent Antimony (mg/L)	Effluent Antimony Pounds/ Day	Effluent Arsenic (mg/L)	Effluent Arsenic Pounds/ Day	Effluent Beryllium (ug/L)	Effluent Beryllium Pounds/ Day	Effluent Cadmium (mg/L)	Effluent Cadmium Pounds/ Day
LIMITS	120	25,000	2.9	600	3.3	.7	.4	83
03/01/07								
03/02/07								
03/03/07								
03/04/07								
03/05/07								
03/06/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
03/07/07								
03/08/07								
03/09/07								
03/10/07								
03/11/07								
03/12/07								
03/13/07								
03/14/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
03/15/07								
03/16/07								
03/17/07								
03/18/07								
03/19/07								
03/20/07								
03/21/07								
03/22/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
03/23/07								
03/24/07								
03/25/07								
03/26/07								
03/27/07								
03/28/07								
03/29/07								
03/30/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
03/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: March 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Metals

Date	Effluent Total Chromium (mg/L)	Effluent Chromium Pounds/ Day	Effluent Copper (mg/L)	Effluent Copper Pounds/ Day	Effluent Iron (mg/L)	Effluent Lead (mg/L)	Effluent Lead Pounds/ Day
LIMITS	.81	170	1	210	.81		170
03/01/07							
03/02/07							
03/03/07							
03/04/07							
03/05/07							
03/06/07	0.0000	0.0000	0.047	12.00	3.03	0.000	0.00
03/07/07							
03/08/07							
03/09/07							
03/10/07							
03/11/07							
03/12/07							
03/13/07							
03/14/07	0.0000	0.0000	0.030	6.20	0.94	0.000	0.00
03/15/07							
03/16/07							
03/17/07							
03/18/07							
03/19/07							
03/20/07							
03/21/07							
03/22/07	0.0000	0.0000	0.029	6.85	1.14	0.000	0.00
03/23/07							
03/24/07							
03/25/07							
03/26/07							
03/27/07							
03/28/07							
03/29/07							
03/30/07	0.0000	0.0000	0.046	11.61	1.81	0.000	0.00
03/31/07							
Average	0.0000	0.0000	0.038	9.17	1.73	0.000	0.00
Maximum	0.0000	0.0000	0.047	12.00	3.03	0.000	0.00
Minimum	0.0000	0.0000	0.029	6.20	0.94	0.000	0.00



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SHORE
WATER QUALITY STATIONS



Exceedance of 30-Day Total Coliform Standard (% by station)

Station Sample Date	S0	S10	S11	S12	S2	S3	S4	S5	S6	S8	S9
01 MAR 2007	75	67	40	0	75	50	67	60	50	0	0
02 MAR 2007	75	67	40	0	75	50	67	60	50	0	0
03 MAR 2007	75	67	40	0	75	50	67	60	50	0	0
04 MAR 2007	75	67	40	0	75	50	67	60	50	0	0
05 MAR 2007	75	67	40	0	75	50	67	60	50	0	0
06 MAR 2007	60	71	33	0	60	60	71	67	40	0	0
07 MAR 2007	60	63	33	0	60	60	75	57	40	0	0
08 MAR 2007	75	71	20	0	75	75	86	50	25	0	0
09 MAR 2007	75	71	20	0	75	75	86	50	25	0	0
10 MAR 2007	75	71	20	0	75	75	86	50	25	0	0
11 MAR 2007	75	71	20	0	75	75	86	50	25	0	0
12 MAR 2007	75	71	20	0	75	75	86	50	25	0	0
13 MAR 2007	60	63	17	0	60	80	75	43	20	0	0
14 MAR 2007	60	63	17	0	60	80	75	43	20	0	0
15 MAR 2007	50	71	20	0	50	100	86	50	25	0	0
16 MAR 2007	50	71	20	0	50	100	86	50	25	0	0
17 MAR 2007	50	71	20	0	50	100	86	50	25	0	0
18 MAR 2007	50	71	20	0	50	100	86	50	25	0	0
19 MAR 2007	50	71	20	0	50	100	86	50	25	0	0
20 MAR 2007	40	63	17	0	40	80	75	43	20	0	0
21 MAR 2007	40	63	17	0	40	80	75	43	20	0	0
22 MAR 2007	25	57	0	0	25	75	71	33	0	0	0
23 MAR 2007	25	50	0	0	25	75	67	20	0	0	0
24 MAR 2007	25	50	0	0	25	75	67	20	0	0	0
25 MAR 2007	25	50	0	0	25	75	67	20	0	0	0
26 MAR 2007	25	50	0	0	25	75	67	20	0	0	0
27 MAR 2007	40	57	0	0	20	80	71	33	0	0	0
28 MAR 2007	40	63	0	0	20	80	71	29	0	0	0
29 MAR 2007	25	57	0	0	0	75	67	33	0	0	0
30 MAR 2007	25	50	0	0	0	75	60	33	0	0	0
31 MAR 2007	25	50	0	0	0	75	60	33	0	0	0



Exceedance of 10,000 CFU/100 mL Total Coliform Standard (No. of samples)



Exceedance of 60-Day Fecal Coliform Standard (% by station)

Station Sample Date	S0	S10	S11	S12	S2	S3	S4	S5	S6	S8	S9
01 MAR 2007	33	36	10	0	11	22	36	20	0	0	0
02 MAR 2007	33	36	10	0	11	22	36	20	0	0	0
03 MAR 2007	33	36	10	0	11	22	36	20	0	0	0
04 MAR 2007	33	40	11	0	11	22	40	22	0	0	0
05 MAR 2007	38	40	11	0	13	25	40	22	0	0	0
06 MAR 2007	33	45	10	0	11	22	36	30	0	0	0
07 MAR 2007	33	42	10	0	11	22	33	27	0	0	0
08 MAR 2007	33	42	10	0	11	22	33	27	0	0	0
09 MAR 2007	33	42	10	0	11	22	33	27	0	0	0
10 MAR 2007	25	45	11	0	13	25	36	30	0	0	0
11 MAR 2007	25	45	11	0	13	25	36	30	0	0	0
12 MAR 2007	25	45	11	0	13	25	36	30	0	0	0
13 MAR 2007	22	42	10	0	11	22	33	27	0	0	0
14 MAR 2007	22	42	10	0	11	22	33	27	0	0	0
15 MAR 2007	22	42	10	0	11	22	33	27	0	0	0
16 MAR 2007	22	42	10	0	11	22	33	27	0	0	0
17 MAR 2007	25	45	11	0	13	25	36	30	0	0	0
18 MAR 2007	25	45	11	0	13	25	36	30	0	0	0
19 MAR 2007	25	45	11	0	13	25	36	30	0	0	0
20 MAR 2007	22	42	10	0	11	22	33	27	0	0	0
21 MAR 2007	22	42	10	0	11	22	33	27	0	0	0
22 MAR 2007	22	42	10	0	11	22	33	27	0	0	0
23 MAR 2007	22	42	10	0	11	22	33	27	0	0	0
24 MAR 2007	25	45	11	0	13	25	36	30	0	0	0
25 MAR 2007	25	45	11	0	13	25	36	30	0	0	0
26 MAR 2007	25	45	11	0	13	25	36	30	0	0	0
27 MAR 2007	33	50	10	0	11	22	33	36	0	0	0
28 MAR 2007	33	54	10	0	11	22	33	33	0	0	0
29 MAR 2007	33	54	10	0	11	22	33	33	0	0	0
30 MAR 2007	33	54	10	0	11	22	33	33	0	0	0
31 MAR 2007	38	58	11	0	13	13	36	36	0	0	0



Exceedance of 30-Day Fecal Coliform Geometric Mean Standard (CFU/100mL)

Station	S0	S10	S11	S12	S2	S3	S4	S5	S6	S8	S9
Sample Date											
01 MAR 2007		347	20				248	104			
02 MAR 2007		347	20				248	104			
03 MAR 2007		347	20				248	104			
04 MAR 2007		347	20				248	104			
05 MAR 2007		347	20				248	104			
06 MAR 2007	53	403	14	3	54	49	218	150	10	2	2
07 MAR 2007	53	294	14	3	54	49	171	95	10	2	2
08 MAR 2007		599	7				324	87			
09 MAR 2007		599	7				324	87			
10 MAR 2007		599	7				324	87			
11 MAR 2007		599	7				324	87			
12 MAR 2007		599	7				324	87			
13 MAR 2007	53	294	6	3	47	118	171	65	6	2	2
14 MAR 2007	53	294	6	3	47	118	171	65	6	2	2
15 MAR 2007		599	7				324	80			
16 MAR 2007		599	7				324	80			
17 MAR 2007		599	7				324	80			
18 MAR 2007		599	7				324	80			
19 MAR 2007		599	7				324	80			
20 MAR 2007	26	294	6	3	17	90	171	47	6	2	2
21 MAR 2007	26	294	6	3	17	90	171	47	6	2	2
22 MAR 2007		179	2				118	31			
23 MAR 2007		124					73	14			
24 MAR 2007		124					73	14			
25 MAR 2007		124					73	14			
26 MAR 2007		124					73	14			
27 MAR 2007	45	151	3	3	7	34	85	30	3	2	2
28 MAR 2007	45	193	3	3	7	34	85	30	3	2	2
29 MAR 2007		107					40	41			
30 MAR 2007		64					19	41			
31 MAR 2007		64					19	41			

California State Ocean Plan compliance for geometric means is based on a minimum of 5 samples for any 30-day period. Missing geometric mean values did not meet this minimum.



Shore Station Water Quality Report

Sample Date: 06-MAR-07

Station	Time	TOTAL		FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1115	<2		<2	2e
S10	1009	>16000		1000	68
S11	0820	260e		2e	2e
S12	0922	<2		<2	<2
S2	1030	4e		<2	<2
S3	0950	3400e		100e	<2
S4	0951	15000		100	46
S5	0836	13000		960	76
S6	0804	2e		2e	2e
S8	1112	<2		<2	<2
S9	1133	<2		<2	<2

Sample Date: 07-MAR-07

Station	Time	TOTAL		FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL	CFU/100 mL
S10	1110	800e		32e	<2
S4	1053	1600e		32e	2e
S5	1216	340e		6e	<2

Sample Date: 13-MAR-07

Station	Time	TOTAL		FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1036	30e		<2	2e
S10	1200	10e		<2	2e
S11	1050	30e		<2	<2
S12	1018	20e		8e	<2
S2	1000	16e		2e	<2
S3	0943	1200e		160e	130e
S4	1225	8e		<2	<2
S5	1030	420		12e	66
S6	1110	56		2e	4e
S8	1005	<2		<2	<2
S9	0949	<2		<2	<2



Shore Station Water Quality Report

Sample Date: 20-MAR-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1043	8e	2e	6e
S10	0945	2e	<2	4e
S11	1256	<2	<2	<2
S12	1339	2e	<2	2e
S2	1008	6e	<2	<2
S3	0948	8e	2e	2e
S4	0958	12e	2e	<2
S5	1306	<2	<2	4e
S6	1326	2e	<2	<2
S8	1130	4e	<2	<2
S9	1114	60e	<2	4e

Sample Date: 27-MAR-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1145	>16000	8800	840
S10	1118	16000e	480	24e
S11	0920	80e	<20	<2
S12	0844	<20	2e	2e
S2	1105	780	14e	4e
S3	1048	3200e	40	2e
S4	1034	6800	200e	2e
S5	0905	>16000	1200	48
S6	0935	40e	4e	2e
S8	0824	<20	<2	2e
S9	0807	<20	<2	<2

Sample Date: 28-MAR-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S10	1054	4800	1100	<2
S5	0958	340e	30e	22e



Comments

Sample Date	Station	Depth (m)	Parameter	Comments
07-MAR-07	S10			Resample
07-MAR-07	S4			Resample
07-MAR-07	S5			Resample
28-MAR-07	S5			Resample
28-MAR-07	S10			Resample

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Visual Observations

Sample Date: 06-MAR-07	
Station: S0	
Parameter	Value
Arrive Time	1115
Weather	Sunny
Wind Speed Kts	1.1
Wind Dir.	SW
Comments	1 Person; Dog feces; Clear water running from storm drain
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Station: S2	
Parameter	Value
Arrive Time	1030
Weather	Sunny
Wind Speed Kts	4.8
Wind Dir.	SW
Comments	Water clear; 1 Person; Clear; Kelp; Seagrass; Trash
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Station: S3	
Parameter	Value
Arrive Time	0950
Weather	Sunny
Wind Speed Kts	3.4
Wind Dir.	SW
Comments	Water clear
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407



Visual Observations

Sample Date: 06-MAR-07

Station: S4

Parameter	Value
Arrive Time	0951
Weather	Partly Cloudy
Wind Speed Kts	3.8
Wind Dir.	S
Comments	Water cloudy
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	2
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407

Station: S5

Parameter	Value
Arrive Time	0836
Weather	Cloudy
Wind Speed Kts	2.1
Wind Dir.	NW
Comments	Water cloudy; Kelp
Animal Life	None
Floatables	None
Water Color	Gray
Wave Ht Low ft	2
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407

Station: S6

Parameter	Value
Arrive Time	0804
Weather	Cloudy
Wind Speed Kts	3.6
Wind Dir.	NW
Comments	Water cloudy; Kelp; 2 Surfers
Animal Life	None
Floatables	None
Water Color	Gray
Wave Ht Low ft	2
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407



Visual Observations

Sample Date: 06-MAR-07	
Station: S8	
Parameter	Value
Arrive Time	1112
Weather	Partly Cloudy
Wind Speed Kts	4.2
Wind Dir.	S
Comments	Water cloudy
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	1
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Station: S9	
Parameter	Value
Arrive Time	1133
Weather	Partly Cloudy
Wind Speed Kts	3.3
Wind Dir.	S
Comments	Water cloudy
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	1
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Station: S10	
Parameter	Value
Arrive Time	1009
Weather	Partly Cloudy
Wind Speed Kts	5.4
Wind Dir.	S
Comments	Water clear
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407



Visual Observations

Sample Date: 06-MAR-07

Station: S11

Parameter	Value
Arrive Time	0820
Weather	Cloudy
Wind Speed Kts	4.2
Wind Dir.	NW
Comments	Water cloudy; 2 Fishermen
Animal Life	None
Floatables	None
Water Color	Gray
Wave Ht Low ft	2
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407

Station: S12

Parameter	Value
Arrive Time	0922
Weather	Cloudy
Wind Speed Kts	3.0
Wind Dir.	NW
Comments	Water cloudy
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	2
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407



Visual Observations

Sample Date: 07-MAR-07	
Station: S4	
Parameter	Value
Arrive Time	1053
Weather	Partly Cloudy
Wind Speed Kts	2.5
Wind Dir.	W
Comments	Resample; Water cloudy; Odor of sewage; Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	1
High Tide ft	3.8
High Tide Time	1031
Low Tide ft	1.0
Low Tide Time	1619
Station: S5	
Parameter	Value
Arrive Time	1216
Weather	Partly Cloudy
Wind Speed Kts	11.8
Wind Dir.	W
Comments	Resample; Water cloudy; Odor of sewage
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	1
High Tide ft	3.8
High Tide Time	1031
Low Tide ft	1.0
Low Tide Time	1619
Station: S10	
Parameter	Value
Arrive Time	1110
Weather	Partly Cloudy
Wind Speed Kts	2.6
Wind Dir.	W
Comments	Resample; Water cloudy; Odor of sewage
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	1
High Tide ft	3.8
High Tide Time	1031
Low Tide ft	1.0
Low Tide Time	1619



Visual Observations

Sample Date: 13-MAR-07

Station: S0

Parameter	Value
Arrive Time	1036
Weather	Very foggy
Wind Speed Kts	6.5
Wind Dir.	S
Comments	Water Cloudy; Foam
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253

Station: S2

Parameter	Value
Arrive Time	1000
Weather	Very foggy
Wind Speed Kts	10.0
Wind Dir.	S
Comments	Water Cloudy; Foam
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253

Station: S3

Parameter	Value
Arrive Time	0943
Weather	Very foggy
Wind Speed Kts	9.5
Wind Dir.	S
Comments	Water Cloudy; Foam
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253



Visual Observations

Sample Date: 13-MAR-07	
Station: S4	
Parameter	Value
Arrive Time	1225
Weather	Sunny
Wind Speed Kts	11.2
Wind Dir.	S
Comments	Light brown foam
Animal Life	20 Birds
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	4
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253
Station: S5	
Parameter	Value
Arrive Time	1030
Weather	Overcast
Wind Speed Kts	8.4
Wind Dir.	S
Comments	Kelp debris
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	4
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253
Station: S6	
Parameter	Value
Arrive Time	1110
Weather	Overcast
Wind Speed Kts	8.9
Wind Dir.	S
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	4
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253



Visual Observations

Sample Date: 13-MAR-07	
Station: S8	
Parameter	Value
Arrive Time	1005
Weather	Sunny
Wind Speed Kts	4.8
Wind Dir.	W
Comments	Kelp; 4 People
Animal Life	None
Floatables	None
Water Color	Light Brown
Wave Ht Low ft	3
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253
Station: S9	
Parameter	Value
Arrive Time	0949
Weather	Sunny
Wind Speed Kts	3.4
Wind Dir.	W
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253
Station: S10	
Parameter	Value
Arrive Time	1200
Weather	Sunny
Wind Speed Kts	10.0
Wind Dir.	S
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	4
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253



Visual Observations

Sample Date: 13-MAR-07	
Station: S11	
Parameter	Value
Arrive Time	1050
Weather	Overcast
Wind Speed Kts	7.1
Wind Dir.	S
Comments	Kelp debris
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	4
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253
Station: S12	
Parameter	Value
Arrive Time	1018
Weather	Overcast
Wind Speed Kts	3.4
Wind Dir.	W
Animal Life	2 Shorebirds
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253



Visual Observations

Sample Date: 20-MAR-07

Station: S0

Parameter	Value
Arrive Time	1043
Weather	Cloudy
Wind Speed Kts	1.7
Wind Dir.	SW
Comments	2 People; Kelp; Seagrass
Animal Life	8 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.9
High Tide Time	1041
Low Tide ft	-0.6
Low Tide Time	0441

Station: S2

Parameter	Value
Arrive Time	1008
Weather	Cloudy
Wind Speed Kts	5.6
Wind Dir.	SW
Comments	4 People; Kelp; Seagrass
Animal Life	15 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.9
High Tide Time	1041
Low Tide ft	-0.6
Low Tide Time	0441

Station: S3

Parameter	Value
Arrive Time	0948
Weather	Cloudy
Wind Speed Kts	5.2
Wind Dir.	SW
Comments	8 People; Kelp; Seagrass
Animal Life	6 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.9
High Tide Time	1041
Low Tide ft	-0.6
Low Tide Time	0441



Visual Observations

Sample Date: 20-MAR-07

Station: S4

Parameter	Value
Arrive Time	0958
Weather	Cloudy
Wind Speed Kts	3.0
Wind Dir.	W
Comments	Water clear
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	4.9
High Tide Time	1041
Low Tide ft	-0.6
Low Tide Time	0441

Station: S5

Parameter	Value
Arrive Time	1306
Weather	Partly Cloudy
Wind Speed Kts	3.0
Wind Dir.	W
Comments	Water clear; Odor of sewage
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	1
High Tide ft	4.9
High Tide Time	1041
Low Tide ft	-0.6
Low Tide Time	0441

Station: S6

Parameter	Value
Arrive Time	1326
Weather	Partly Cloudy
Wind Speed Kts	3.0
Wind Dir.	W
Comments	Water clear
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	1
High Tide ft	4.9
High Tide Time	1041
Low Tide ft	-0.6
Low Tide Time	0441



Visual Observations

Sample Date: 20-MAR-07

Station: S8

Parameter	Value
Arrive Time	1130
Weather	Rain
Wind Speed Kts	5.0
Wind Dir.	W
Comments	Water clear; Kelp
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	2
High Tide ft	4.9
High Tide Time	1041
Low Tide ft	-0.6
Low Tide Time	0441

Station: S9

Parameter	Value
Arrive Time	1114
Weather	Cloudy
Wind Speed Kts	5.0
Wind Dir.	W
Comments	Water clear
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	2
High Tide ft	4.9
High Tide Time	1041
Low Tide ft	-0.6
Low Tide Time	0441

Station: S10

Parameter	Value
Arrive Time	0945
Weather	Cloudy
Wind Speed Kts	3.5
Wind Dir.	W
Comments	Water clear
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	2
High Tide ft	4.9
High Tide Time	1041
Low Tide ft	-0.6
Low Tide Time	0441



Visual Observations

Sample Date: 20-MAR-07	
Station: S11	
Parameter	Value
Arrive Time	1256
Weather	Partly Cloudy
Wind Speed Kts	2.5
Wind Dir.	W
Comments	Water clear
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	1
High Tide ft	4.9
High Tide Time	1041
Low Tide ft	-0.6
Low Tide Time	0441
Station: S12	
Parameter	Value
Arrive Time	1339
Weather	Partly Cloudy
Wind Speed Kts	3.0
Wind Dir.	W
Comments	Water clear
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	1
High Tide ft	4.9
High Tide Time	1041
Low Tide ft	-0.6
Low Tide Time	0441



Visual Observations

Sample Date: 27-MAR-07	
Station: S0	
Parameter	Value
Arrive Time	1145
Weather	Partly Cloudy
Wind Speed Kts	12.0
Wind Dir.	W
Comments:	Water cloudy; White caps
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	4.5
High Tide Time	0530
Low Tide ft	-0.3
Low Tide Time	1303
Station: S2	
Parameter	Value
Arrive Time	1105
Weather	Partly Cloudy
Wind Speed Kts	10.3
Wind Dir.	W
Comments	Water cloudy; White caps
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	4.5
High Tide Time	0530
Low Tide ft	-0.3
Low Tide Time	1303
Station: S3	
Parameter	Value
Arrive Time	1048
Weather	Partly Cloudy
Wind Speed Kts	8.0
Wind Dir.	W
Comments	Water cloudy; White caps
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	4.5
High Tide Time	0530
Low Tide ft	-0.3
Low Tide Time	1303



Visual Observations

Sample Date: 27-MAR-07

Station: S4

Parameter	Value
Arrive Time	1034
Weather	Sunny
Wind Speed Kts	12.8
Wind Dir.	W
Comments	Kelp; Seagrass
Animal Life	7 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.5
High Tide Time	0530
Low Tide ft	-0.3
Low Tide Time	1303

Station: S5

Parameter	Value
Arrive Time	0905
Weather	Sunny
Wind Speed Kts	16.9
Wind Dir.	W
Comments	Kelp; Seagrass
Animal Life	>20 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.5
High Tide Time	0530
Low Tide ft	-0.3
Low Tide Time	1303

Station: S6

Parameter	Value
Arrive Time	0935
Weather	Sunny
Wind Speed Kts	15.5
Wind Dir.	W
Comments	Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.5
High Tide Time	0530
Low Tide ft	-0.3
Low Tide Time	1303



Visual Observations

Sample Date: 27-MAR-07

Station: S8

Parameter	Value
Arrive Time	0824
Weather	Sunny
Wind Speed Kts	14.7
Wind Dir.	W
Comments	Kelp; Seagrass; 5 People
Animal Life	3 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.5
High Tide Time	0530
Low Tide ft	-0.3
Low Tide Time	1303

Station: S9

Parameter	Value
Arrive Time	0807
Weather	Cloudy
Wind Speed Kts	13.6
Wind Dir.	W
Comments	Kelp; Seagrass; 5 People
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.5
High Tide Time	0530
Low Tide ft	-0.3
Low Tide Time	1303

Station: S10

Parameter	Value
Arrive Time	1018
Weather	Partly Sunny
Wind Speed Kts	13.8
Wind Dir.	W
Comments	Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.5
High Tide Time	0530
Low Tide ft	-0.3
Low Tide Time	1303



Visual Observations

Sample Date: 27-MAR-07	
Station: S11	
Parameter	Value
Arrive Time	0920
Weather	Partly Sunny
Wind Speed Kts	14.3
Wind Dir.	W
Comments	Kelp; Seagrass
Animal Life	1 Shorebird
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.5
High Tide Time	0530
Low Tide ft	-0.3
Low Tide Time	1303
Station: S12	
Parameter	Value
Arrive Time	0844
Weather	Partly Sunny
Wind Speed Kts	15.7
Wind Dir.	W
Comments	Kelp; Seagrass; 1 Person
Animal Life	1 Dog
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.5
High Tide Time	0530
Low Tide ft	-0.3
Low Tide Time	1303



Visual Observations

Sample Date: 28-MAR-07	
Station: S5	
Parameter	Value
Arrive Time	0958
Weather	Sunny
Wind Speed Kts	4.8
Wind Dir.	W
Comments	Resample; 2 People; Kelp; Seagrass
Animal Life	2 Dogs; 7 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.7
High Tide Time	0635
Low Tide ft	-0.4
Low Tide Time	1342
Station: S10	
Parameter	Value
Arrive Time	1054
Weather	Sunny
Wind Speed Kts	5.8
Wind Dir.	W
Comments	Resample; Kelp; Seagrass
Animal Life	1 Shorebird
Floatables	None
Water Color	Blue
Wave Ht Low ft	5
High Tide ft	4.7
High Tide Time	0635
Low Tide ft	-0.4
Low Tide Time	1342

KELP
WATER QUALITY STATIONS



Exceedance of 30-Day Total Coliform Standard (% by station)

Sample Date	I25	I26	I39
01 MAR 2007	30	33	22
02 MAR 2007	30	33	22
03 MAR 2007	30	33	22
04 MAR 2007	18	20	20
05 MAR 2007	18	20	20
06 MAR 2007	17	17	17
07 MAR 2007	17	17	17
08 MAR 2007	17	17	17
09 MAR 2007	17	17	17
10 MAR 2007	17	17	17
11 MAR 2007	17	17	17
12 MAR 2007	20	20	20
13 MAR 2007	17	17	17
14 MAR 2007	17	17	17
15 MAR 2007	17	17	17
16 MAR 2007	17	17	17
17 MAR 2007	17	17	17
18 MAR 2007	17	17	17
19 MAR 2007	14	14	14
20 MAR 2007	14	14	14
21 MAR 2007	14	14	14
22 MAR 2007	14	14	14
23 MAR 2007	0	0	0
24 MAR 2007	0	0	0
25 MAR 2007	0	0	0
26 MAR 2007	0	0	0
27 MAR 2007	0	0	0
28 MAR 2007	0	0	0
29 MAR 2007	0	0	0
30 MAR 2007	0	0	0
31 MAR 2007	0	0	0



Exceedance of 10,000 CFU/100 mL Total Coliform Standard (No. of samples)

Sample Date	Station 125	126	I39
01 MAR 2007	0	0	0
02 MAR 2007	0	0	0
03 MAR 2007	0	0	0
04 MAR 2007	0	0	0
05 MAR 2007	0	0	0
06 MAR 2007	0	0	0
07 MAR 2007	0	0	0
08 MAR 2007	0	0	0
09 MAR 2007	0	0	0
10 MAR 2007	0	0	0
11 MAR 2007	0	0	0
12 MAR 2007	0	0	0
13 MAR 2007	0	0	0
14 MAR 2007	0	0	0
15 MAR 2007	0	0	0
16 MAR 2007	0	0	0
17 MAR 2007	0	0	0
18 MAR 2007	0	0	0
19 MAR 2007	0	0	0
20 MAR 2007	0	0	0
21 MAR 2007	0	0	0
22 MAR 2007	0	0	0
23 MAR 2007	0	0	0
24 MAR 2007	0	0	0
25 MAR 2007	0	0	0
26 MAR 2007	0	0	0
27 MAR 2007	0	0	0
28 MAR 2007	0	0	0
29 MAR 2007	0	0	0
30 MAR 2007	0	0	0
31 MAR 2007	0	0	0



Exceedance of 60-Day Fecal Coliform Standard (% by station)

Station Sample Date	I25	I26	I39
01 MAR 2007	0	0	0
02 MAR 2007	0	0	0
03 MAR 2007	0	0	0
04 MAR 2007	0	0	0
05 MAR 2007	0	0	0
06 MAR 2007	0	0	0
07 MAR 2007	0	0	0
08 MAR 2007	0	0	0
09 MAR 2007	0	0	0
10 MAR 2007	0	0	0
11 MAR 2007	0	0	0
12 MAR 2007	0	0	0
13 MAR 2007	0	0	0
14 MAR 2007	0	0	0
15 MAR 2007	0	0	0
16 MAR 2007	0	0	0
17 MAR 2007	0	0	0
18 MAR 2007	0	0	0
19 MAR 2007	0	0	0
20 MAR 2007	0	0	0
21 MAR 2007	0	0	0
22 MAR 2007	0	0	0
23 MAR 2007	0	0	0
24 MAR 2007	0	0	0
25 MAR 2007	0	0	0
26 MAR 2007	0	0	0
27 MAR 2007	0	0	0
28 MAR 2007	0	0	0
29 MAR 2007	0	0	0
30 MAR 2007	0	0	0
31 MAR 2007	0	0	0



Exceedance of 30-Day Fecal Coliform Geometric Mean Standard (CFU/100mL)

Station	I25	I26	I39
Sample Date			
01 MAR 2007	10	9	7
02 MAR 2007	10	9	7
03 MAR 2007	10	9	7
04 MAR 2007	7	7	9
05 MAR 2007	7	7	9
06 MAR 2007	8	6	7
07 MAR 2007	8	6	7
08 MAR 2007	8	6	7
09 MAR 2007	8	6	7
10 MAR 2007	8	6	7
11 MAR 2007	8	6	7
12 MAR 2007	11	7	9
13 MAR 2007	8	6	7
14 MAR 2007	8	6	7
15 MAR 2007	8	6	7
16 MAR 2007	8	6	7
17 MAR 2007	8	6	7
18 MAR 2007	8	6	7
19 MAR 2007	7	5	6
20 MAR 2007	7	5	6
21 MAR 2007	7	5	6
22 MAR 2007	7	5	6
23 MAR 2007	4	3	4
24 MAR 2007	4	3	4
25 MAR 2007	3	3	4
26 MAR 2007	3	3	4
27 MAR 2007	3	3	4
28 MAR 2007	4	3	4
29 MAR 2007	4	3	4
30 MAR 2007	4	3	4
31 MAR 2007			

California State Ocean Plan compliance for geometric means is based on a minimum of 5 samples for any 30-day period. Missing geometric mean values did not meet this minimum.



Kelp Station Water Quality Data

Sample Date: 01-MAR-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH
I25	0835	2	<2	2e	<2	13.0	62	7.3	33.59	8.2
		6	140e	24e	6e	11.7	69	4.8	33.71	8.0
		9	300e	32e	8e	11.2	68	3.8	33.76	7.9
I26	0847	2	<2	<2	<2	13.1	68	7.3	33.58	8.2
		6	96	24e	6e	11.3	71	4.2	33.75	8.0
		9	220e	12e	2e	11.3	55	3.7	33.74	8.0
I39	0744	2	14e	4e	<2	12.9	77	7.3	33.60	8.2
		12	920	280e	46	11.1	86	4.2	33.78	8.0
		18	800	200e	40	10.9	85	3.6	33.80	7.9

Sample Date: 06-MAR-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH
I25	0910	2	580	6e	<2	12.8	72	8.9	33.72	8.1
		6	400	6e	<2	11.7	73	7.2	33.76	8.0
		9	180e	6e	<2	11.7	77	6.1	33.76	7.9
I26	0858	2	<2	<2	<2	13.4	74	8.7	33.71	8.1
		6	<2	<2	2e	12.5	75	8.8	33.73	8.1
		9	62	2e	<2	11.8	75	6.9	33.76	8.0
I39	0843	2	<2	<2	<2	12.9	76	8.4	33.70	8.1
		12	44	2e	<2	11.6	80	6.7	33.76	7.9
		18	44	<2	<2	11.6	81	5.5	33.75	7.9



Kelp Station Water Quality Data

Sample Date: 13-MAR-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH
I25	0823	2	<2	<2	<2	14.0	76	10.2	33.70	8.2
		6	<2	<2	2e	12.7	75	7.3	33.70	8.0
		9	<2	<2	<2	12.6	78	6.3	33.69	7.9
I26	0839	2	<2	<2	<2	14.6	79	10.6	33.68	8.3
		6	<2	<2	<2	12.4	77	7.2	33.70	8.0
		9	<2	<2	<2	12.3	76	6.3	33.69	7.9
I39	0807	2	<20	<2	<2	14.5	79	11.1	33.66	8.3
		12	<2	<2	<2	12.2	80	6.4	33.71	7.9
		18	<2	<2	<2	12.0	83	5.4	33.71	7.9

Sample Date: 19-MAR-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH
I25	1112	2	<2	<2	<2	14.5	81	9.0	33.66	8.3
		6	<2	<2	<2	13.9	78	7.8	33.69	8.1
		9	<20	<2	<2	13.5	67	6.3	33.68	8.0
I26	1121	2	<2	<2	<2	14.4	82	8.8	33.66	8.2
		6	<2	<2	2e	14.3	82	8.8	33.66	8.2
		9	<2	<2	<2	12.9	81	6.8	33.73	8.0
I39	1101	2	<2	<2	<2	14.4	84	9.2	33.66	8.3
		12	2e	<2	<2	12.0	83	4.5	33.71	7.9
		18	<2	<2	<2	11.8	76	3.9	33.70	7.8



Kelp Station Water Quality Data

Sample Date: 25-MAR-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH
I25	0837	2	<2	<2	12e	15.0	75	8.4	33.63	8.2
		6	<2	<2	130e	14.5	75	8.0	33.65	8.1
		9	<2	<2	2e	13.8	74	6.9	33.62	8.0
I26	0846	2	<2	<2	4e	15.0	72	8.1	33.63	8.2
		6	<2	<2	100	14.2	74	7.9	33.66	8.1
		9	<2	<2	<2	13.4	76	6.3	33.66	8.0
I39	0822	2	<2	<2	34e	14.3	78	7.7	33.72	8.1
		12	<2	<2	1400e	13.0	82	6.7	33.67	8.0
		18	6e	2e	6e	12.1	77	4.5	33.69	7.8

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Visual Observations

Sample Date: 01-MAR-07

Station: I25

Parameter	Value
Depth m	10
Arrive Time	0835
Depart Time	0840
Air Temp C	12.0
Weather	Clear
Visibility mi	10
Wind Speed Kts	5.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	7
High Tide ft	5.5
High Tide Time	0718
Low Tide ft	-0.8
Low Tide Time	1417
Sea State	Confused swell

Station: I26

Parameter	Value
Depth m	9
Arrive Time	0847
Depart Time	0853
Air Temp C	12.0
Weather	Clear
Visibility mi	10
Wind Speed Kts	2.0
Wind Dir.	W
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	7
High Tide ft	5.5
High Tide Time	0718
Low Tide ft	-0.8
Low Tide Time	1417
Sea State	Confused swell



Visual Observations

Sample Date: 01-MAR-07

Station: I39

Parameter	Value
Depth m	20
Arrive Time	0744
Depart Time	0827
Air Temp C	10.0
Weather	Clear
Visibility mi	10
Wind Speed Kts	3.0
Wind Dir.	NW
Comments	Low temp and DO at depth. Verified CTD was working properly
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	5.5
High Tide Time	0718
Low Tide ft	-0.8
Low Tide Time	1417
Sea State	Confused swell



Visual Observations

Sample Date: 06-MAR-07

Station: I25

Parameter	Value
Depth m	10
Arrive Time	0910
Depart Time	0915
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	4.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm

Station: I26

Parameter	Value
Depth m	10
Arrive Time	0858
Depart Time	0904
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	3.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm



Visual Observations

Sample Date: 06-MAR-07

Station: I39

Parameter	Value
Depth m	19
Arrive Time	0843
Depart Time	0850
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	4.0
Wind Dir.	W
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm



Visual Observations

Sample Date: 13-MAR-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	0823
Depart Time	0833
Air Temp C	14.0
Weather	Haze
Visibility mi	15
Wind Speed Kts	1.0
Wind Dir.	SW
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253
Sea State	Calm

Station: I26

Parameter	Value
Depth m	10
Arrive Time	0839
Depart Time	0845
Air Temp C	15.0
Weather	Haze
Visibility mi	15
Wind Speed Kts	0.0
Wind Dir.	XX
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253
Sea State	Calm



Visual Observations

Sample Date: 13-MAR-07

Station: I39

Parameter	Value
Depth m	19
Arrive Time	0807
Depart Time	0814
Air Temp C	15.0
Weather	Haze
Visibility mi	15
Wind Speed Kts	2.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.3
High Tide Time	0447
Low Tide ft	0.0
Low Tide Time	1253
Sea State	Calm



Visual Observations

Sample Date: 19-MAR-07

Station: I25

Parameter	Value
Depth m	10
Arrive Time	1112
Depart Time	1116
Air Temp C	14.0
Weather	Overcast
Visibility mi	15
Wind Speed Kts	7.0
Wind Dir.	SE
Comments	Kelp
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	1
High Tide ft	5.4
High Tide Time	0954
Low Tide ft	-0.4
Low Tide Time	0353
Sea State	Light chop

Station: I26

Parameter	Value
Depth m	11
Arrive Time	1121
Depart Time	1126
Air Temp C	14.0
Weather	Overcast
Visibility mi	15
Wind Speed Kts	7.0
Wind Dir.	E
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	1
High Tide ft	5.4
High Tide Time	0954
Low Tide ft	-0.4
Low Tide Time	0353
Sea State	Light chop



Visual Observations

Sample Date: 19-MAR-07

Station: I39

Parameter	Value
Depth m	20
Arrive Time	1101
Depart Time	1105
Air Temp C	14.0
Weather	Overcast
Visibility mi	15
Wind Speed Kts	7.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	1
High Tide ft	5.4
High Tide Time	0954
Low Tide ft	-0.4
Low Tide Time	0353
Sea State	Light chop



Visual Observations

Sample Date: 25-MAR-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	0837
Depart Time	0841
Air Temp C	14.0
Weather	Overcast
Visibility mi	3
Wind Speed Kts	3.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	4.7
High Tide Time	0216
Low Tide ft	0.1
Low Tide Time	1046
Sea State	Calm

Station: I26

Parameter	Value
Depth m	9
Arrive Time	0846
Depart Time	0851
Air Temp C	14.0
Weather	Overcast
Visibility mi	3
Wind Speed Kts	4.0
Wind Dir.	NW
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	4.7
High Tide Time	0216
Low Tide ft	0.1
Low Tide Time	1046
Sea State	Calm



Visual Observations

Sample Date: 25-MAR-07

Station: I39

Parameter	Value
Depth m	19
Arrive Time	0822
Depart Time	0829
Air Temp C	14.0
Weather	Overcast
Visibility mi	3
Wind Speed Kts	4.0
Wind Dir.	SE
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	4.7
High Tide Time	0216
Low Tide ft	0.1
Low Tide Time	1046
Sea State	Calm

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I25	20070301	1	13.0	58	7.3	33.6	8.2	25.3	3.91
I25	20070301	2	13.0	62	7.3	33.6	8.2	25.3	3.96
I25	20070301	3	13.0	64	7.4	33.6	8.2	25.3	5.38
I25	20070301	4	12.8	65	6.6	33.6	8.2	25.4	6.50
I25	20070301	5	11.8	65	5.8	33.8	8.1	25.6	6.47
I25	20070301	6	11.7	69	4.8	33.7	8.0	25.7	3.83
I25	20070301	7	11.3	71	4.3	33.8	8.0	25.8	3.16
I25	20070301	8	11.2	71	4.0	33.8	8.0	25.8	2.38
I25	20070301	9	11.2	68	3.8	33.8	7.9	25.8	1.70
I25	20070313	1	14.2	77	10.2	33.7	8.2	25.1	7.23
I25	20070313	2	14.0	76	10.2	33.7	8.2	25.2	9.50
I25	20070313	3	13.3	75	9.6	33.7	8.2	25.3	12.41
I25	20070313	4	13.0	74	8.7	33.7	8.1	25.4	20.07
I25	20070313	5	12.8	73	7.9	33.7	8.0	25.4	23.52
I25	20070313	6	12.7	75	7.3	33.7	8.0	25.4	26.60
I25	20070313	7	12.6	77	6.8	33.7	8.0	25.5	25.88
I25	20070313	8	12.6	78	6.5	33.7	7.9	25.5	12.76
I25	20070313	9	12.6	78	6.3	33.7	7.9	25.5	9.05
I25	20070319	1	14.5	80	9.0	33.7	8.3	25.0	4.51
I25	20070319	2	14.5	81	9.0	33.7	8.3	25.1	4.12
I25	20070319	3	14.4	80	8.9	33.7	8.2	25.1	4.56
I25	20070319	4	14.3	79	8.8	33.7	8.2	25.1	6.19
I25	20070319	5	14.3	78	8.6	33.7	8.2	25.1	7.37
I25	20070319	6	13.9	78	7.8	33.7	8.1	25.2	7.29
I25	20070319	7	13.5	74	6.9	33.7	8.0	25.3	5.45
I25	20070319	8	13.5	68	6.5	33.7	8.0	25.3	3.21
I25	20070319	9	13.5	67	6.3	33.7	8.0	25.3	2.96
I25	20070319	10	13.5	67	6.2	33.7	8.0	25.3	3.16
I25	20070325	1	15.0	74	8.3	33.6	8.2	24.9	10.83
I25	20070325	2	15.0	75	8.4	33.6	8.2	24.9	11.17
I25	20070325	3	14.9	75	8.4	33.6	8.2	24.9	11.80
I25	20070325	4	14.8	74	8.4	33.6	8.2	25.0	12.95
I25	20070325	5	14.6	74	8.3	33.6	8.2	25.0	12.84
I25	20070325	6	14.5	75	8.0	33.7	8.1	25.0	11.88
I25	20070325	7	14.0	75	7.4	33.7	8.1	25.2	10.57
I25	20070325	8	13.8	75	7.0	33.7	8.0	25.2	9.05
I25	20070325	9	13.8	74	6.9	33.6	8.0	25.2	4.89
I26	20070301	1	13.1	66	7.2	33.6	8.2	25.3	5.81
I26	20070301	2	13.1	68	7.3	33.6	8.2	25.3	6.15
I26	20070301	3	13.0	68	6.5	33.6	8.2	25.3	6.66
I26	20070301	4	11.7	63	5.4	33.8	8.1	25.7	6.82
I26	20070301	5	11.4	67	4.4	33.7	8.0	25.7	3.75
I26	20070301	6	11.3	71	4.2	33.7	8.0	25.7	3.19
I26	20070301	7	11.3	63	4.0	33.7	8.0	25.7	2.80
I26	20070301	8	11.3	58	3.8	33.7	8.0	25.7	2.60

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I26	20070301	9	11.3	55	3.7	33.7	8.0	25.7	2.72
I26	20070301	10	11.3	49	3.7	33.7	7.9	25.7	2.99
I26	20070313	1	14.6	80	10.4	33.7	8.3	25.0	5.20
I26	20070313	2	14.6	79	10.6	33.7	8.3	25.1	5.41
I26	20070313	3	13.8	79	10.4	33.7	8.3	25.2	6.57
I26	20070313	4	12.9	78	9.5	33.7	8.2	25.4	10.30
I26	20070313	5	12.6	72	8.1	33.7	8.1	25.5	28.07
I26	20070313	6	12.4	77	7.2	33.7	8.0	25.5	29.50
I26	20070313	7	12.3	76	6.6	33.7	8.0	25.5	27.60
I26	20070313	8	12.3	76	6.4	33.7	7.9	25.5	24.33
I26	20070313	9	12.3	76	6.3	33.7	7.9	25.5	23.43
I26	20070319	1	14.5	82	8.8	33.7	8.2	25.0	2.60
I26	20070319	2	14.4	82	8.8	33.7	8.2	25.1	2.51
I26	20070319	3	14.4	82	8.8	33.7	8.2	25.1	3.17
I26	20070319	4	14.4	81	8.8	33.7	8.2	25.1	3.81
I26	20070319	5	14.3	81	8.7	33.7	8.2	25.1	5.47
I26	20070319	6	14.3	82	8.8	33.7	8.2	25.1	5.94
I26	20070319	7	14.2	82	8.6	33.7	8.2	25.1	5.32
I26	20070319	8	13.9	82	7.9	33.7	8.2	25.2	5.38
I26	20070319	9	12.9	81	6.8	33.7	8.0	25.4	4.15
I26	20070319	10	12.9	79	6.1	33.7	7.9	25.4	3.50
I26	20070325	1	15.0	72	8.1	33.6	8.2	24.9	9.55
I26	20070325	2	15.0	72	8.1	33.6	8.2	24.9	9.95
I26	20070325	3	14.9	73	8.1	33.6	8.2	24.9	10.38
I26	20070325	4	14.8	73	8.1	33.6	8.2	25.0	10.27
I26	20070325	5	14.5	75	8.1	33.6	8.1	25.0	9.52
I26	20070325	6	14.2	74	7.9	33.7	8.1	25.1	9.76
I26	20070325	7	13.5	75	7.2	33.7	8.1	25.3	10.42
I26	20070325	8	13.3	75	6.6	33.7	8.0	25.3	8.10
I26	20070325	9	13.4	76	6.4	33.7	8.0	25.3	4.98
I39	20070301	1	12.9	76	7.3	33.6	8.2	25.3	4.35
I39	20070301	2	12.9	77	7.3	33.6	8.2	25.3	5.10
I39	20070301	3	12.9	77	7.3	33.6	8.2	25.3	5.84
I39	20070301	4	12.9	77	7.3	33.6	8.2	25.3	6.86
I39	20070301	5	12.8	77	7.2	33.6	8.2	25.3	7.95
I39	20070301	6	12.8	78	7.1	33.6	8.2	25.4	8.16
I39	20070301	7	12.4	78	6.5	33.7	8.1	25.5	7.62
I39	20070301	8	12.0	82	5.8	33.7	8.1	25.6	5.53
I39	20070301	9	11.9	81	5.5	33.7	8.1	25.6	4.57
I39	20070301	10	11.6	83	4.9	33.7	8.0	25.7	3.74
I39	20070301	11	11.2	85	4.4	33.8	8.0	25.8	2.45
I39	20070301	12	11.1	86	4.2	33.8	8.0	25.8	1.62
I39	20070301	13	10.9	87	3.9	33.8	7.9	25.9	0.75
I39	20070301	14	10.9	88	3.8	33.8	7.9	25.9	0.60
I39	20070301	15	10.9	87	3.7	33.8	7.9	25.9	0.61

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I39	20070301	16	10.9	85	3.6	33.8	7.9	25.9	0.63
I39	20070301	17	10.9	85	3.6	33.8	7.9	25.9	0.64
I39	20070301	18	10.9	85	3.6	33.8	7.9	25.9	0.63
I39	20070301	19	10.9	83	3.6	33.8	7.9	25.9	0.64
I39	20070313	1	14.5	78	11.1	33.7	8.3	25.1	8.81
I39	20070313	2	14.5	79	11.1	33.7	8.3	25.1	9.55
I39	20070313	3	14.5	79	11.1	33.7	8.3	25.1	9.80
I39	20070313	4	14.3	79	11.0	33.7	8.3	25.1	10.61
I39	20070313	5	14.1	78	10.8	33.7	8.3	25.1	13.51
I39	20070313	6	14.0	78	10.6	33.7	8.3	25.2	16.63
I39	20070313	7	13.7	78	10.0	33.7	8.2	25.2	16.97
I39	20070313	8	13.4	78	9.4	33.7	8.2	25.3	18.61
I39	20070313	9	12.9	78	8.5	33.7	8.1	25.4	18.91
I39	20070313	10	12.5	77	7.5	33.7	8.0	25.5	22.22
I39	20070313	11	12.3	78	6.8	33.7	7.9	25.5	22.28
I39	20070313	12	12.2	80	6.4	33.7	7.9	25.5	18.80
I39	20070313	13	12.2	82	6.1	33.7	7.9	25.6	16.31
I39	20070313	14	12.1	84	5.9	33.7	7.9	25.6	13.52
I39	20070313	15	12.1	84	5.8	33.7	7.9	25.6	10.29
I39	20070313	16	12.1	84	5.7	33.7	7.9	25.6	9.26
I39	20070313	17	12.0	84	5.5	33.7	7.9	25.6	8.60
I39	20070313	18	12.0	83	5.4	33.7	7.9	25.6	9.44
I39	20070319	1	14.5	84	9.3	33.7	8.3	25.0	2.88
I39	20070319	2	14.4	84	9.2	33.7	8.3	25.1	3.06
I39	20070319	3	13.9	83	8.6	33.7	8.2	25.2	3.37
I39	20070319	4	13.1	83	7.7	33.7	8.1	25.4	4.66
I39	20070319	5	12.7	83	6.9	33.7	8.0	25.5	5.47
I39	20070319	6	12.3	84	6.2	33.7	8.0	25.5	6.22
I39	20070319	7	12.2	84	5.8	33.7	8.0	25.6	6.81
I39	20070319	8	12.1	84	5.3	33.7	7.9	25.6	10.41
I39	20070319	9	12.1	83	5.1	33.7	7.9	25.6	12.62
I39	20070319	10	12.1	83	4.8	33.7	7.9	25.6	11.39
I39	20070319	11	12.0	83	4.6	33.7	7.9	25.6	9.80
I39	20070319	12	12.0	83	4.5	33.7	7.9	25.6	8.87
I39	20070319	13	11.9	82	4.3	33.7	7.9	25.6	10.05
I39	20070319	14	11.9	81	4.2	33.7	7.9	25.6	9.53
I39	20070319	15	11.8	80	4.1	33.7	7.8	25.6	9.02
I39	20070319	16	11.8	80	4.1	33.7	7.8	25.6	10.18
I39	20070319	17	11.8	79	4.0	33.7	7.8	25.6	12.12
I39	20070319	18	11.8	76	3.9	33.7	7.8	25.6	11.46
I39	20070325	1	14.7	77	7.6	33.7	8.1	25.0	9.80
I39	20070325	2	14.3	78	7.7	33.7	8.1	25.1	9.84
I39	20070325	3	14.1	79	7.7	33.7	8.1	25.2	9.89
I39	20070325	4	13.8	80	7.6	33.7	8.1	25.2	9.96
I39	20070325	5	13.6	81	7.5	33.7	8.1	25.3	9.88

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I39	20070325	6	13.5	81	7.3	33.7	8.1	25.3	9.76
I39	20070325	7	13.4	81	7.1	33.7	8.0	25.3	9.30
I39	20070325	8	13.3	82	7.1	33.6	8.0	25.3	8.99
I39	20070325	9	13.3	82	7.0	33.6	8.0	25.3	8.68
I39	20070325	10	13.2	82	6.9	33.6	8.0	25.3	8.51
I39	20070325	11	13.2	82	6.8	33.6	8.0	25.3	8.42
I39	20070325	12	13.0	82	6.7	33.7	8.0	25.4	8.25
I39	20070325	13	12.8	82	6.5	33.7	8.0	25.4	8.25
I39	20070325	14	12.6	83	6.1	33.7	8.0	25.5	8.06
I39	20070325	15	12.3	82	5.6	33.7	7.9	25.5	7.47
I39	20070325	16	12.1	80	5.0	33.7	7.9	25.6	5.84
I39	20070325	17	12.0	79	4.7	33.7	7.8	25.6	4.93
I39	20070325	18	12.1	77	4.5	33.7	7.8	25.6	3.77

***MONTHLY
WATER QUALITY STATIONS***



Monthly Station Water Quality Data

Sample Date: 05-MAR-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH pH	OG mg/L	SUSO mg/L
I30	0916	2	<2	<2	<2	12.5	81	7.6	33.70	8.1	<0.2	6.0
I32	0948	18	32e	<2	<2	11.9	86	5.8	33.71	8.0		5.7
		27	420	16e	2e	10.8	88	4.0	33.85	7.9		3.7
		2	2e	<2	<2	12.3	75	7.4	33.72	8.1	<0.2	4.6
I33	0819	6	<2	<2	<2	12.0	78	7.0	33.72	8.1		5.9
		9	26e	<2	<2	11.7	77	6.3	33.76	8.0		11.2
		2	<2	<2	<2	12.5	81	7.6	33.69	8.1	<0.2	12.0
I36	1009	18	4e	4e	4e	11.9	87	5.4	33.71	8.0		5.6
		27	56	6e	2e	11.0	85	3.8	33.81	7.9		7.1
		2	<2	<2	<2	12.6	78	7.9	33.69	8.1	<0.2	14.3
I37	0747	6	<2	<2	<2	12.1	76	7.1	33.71	8.1		7.0
		11	6e	<2	<2	11.5	75	5.2	33.76	8.0		11.3
		2	<2	<2	<2	12.1	82	6.2	33.71	7.9	<0.2	9.3
I38	1044	6	<20	<2	<2	11.7	83	5.4	33.75	7.9		7.2
		11	28e	<2	<2	11.1	76	3.7	33.80	7.8		6.7
		2	<2	<2	<2	12.8	79	8.1	33.68	8.1	<0.2	6.1
		6	<2	<2	<2	12.2	78	7.6	33.72	8.1		5.2
		11	8e	4e	<2	11.3	72	4.1	33.78	7.9		9.2



Monthly Station Water Quality Data

Sample Date: 06-MAR-07

Station	Time	Depth (m)	TOTAL	FECAL	ENTERO	TEMP	XMS	DO	SAL	PH	OG	SUSO
			CFU/100 mL	CFU/100 mL	CFU/100 mL	C	%	mg/L	ppt	pH	mg/L	mg/L
I12	1045	2	<2	<2	<2	13.1	78	8.3	33.63	8.1	<0.2	9.2
		18	4e	<2	<2	11.5	86	6.0	33.77	7.9		4.1
		27	14e	<2	2e	11.3	81	6.0	33.79	7.9		4.5
I14	1108	2	28e	2e	<2	13.0	78	8.2	33.66	8.1	<0.2	6.1
		18	16e	<2	<2	11.6	83	6.3	33.76	7.9		5.6
		27	34e	2e	<2	11.3	80	6.3	33.78	7.9		6.9
I16	1030	2	120e	2e	<2	12.8	78	7.7	33.67	8.1	<0.2	11.6
												5.3
I18	1004	18	44	2e	<2	11.9	83	6.2	33.73	7.9		4.8
		27	60e	2e	<2	11.3	80	6.3	33.79	7.9		10.3
		2	>16000	1400e	160e	13.0	70	8.2	33.61	8.0	<0.2	10.1
I19	0947	12	28e	4e	<2	11.5	78	6.7	33.76	7.9		8.1
		18	160e	6e	<2	11.4	78	6.5	33.77	7.9		6.4
		2	6e	<2	<2	12.4	77	8.2	33.73	8.0	<0.2	4.5
I22	1123	6	12e	<2	<2	12.1	74	7.9	33.73	8.0		13.0
		11	8e	<2	<2	11.9	68	7.7	33.73	8.0		6.1
		2	60	2e	<2	12.7	76	8.1	33.70	8.1	<0.2	4.9
I23	1139	18	14e	2e	<2	11.6	82	6.7	33.76	7.9		7.2
		27	42	8e	<2	11.4	79	6.5	33.78	7.9		9.0
		2	62	<2	<2	12.1	74	7.7	33.72	8.0	<0.2	11.0
I24	0922	12	22e	<2	<2	11.6	78	6.7	33.76	7.9		3.6
		18	38e	<2	2e	11.5	78	6.3	33.76	7.9		4.1
		2	1000	12e	<2	12.4	70	8.4	33.73	8.1	<0.2	5.4
												5.2
I25	0910	6	500	6e	<2	11.7	75	7.4	33.75	8.0		5.9
		11	2400e	14e	<2	11.7	66	6.6	33.75	7.9		9.7
		2	580	6e	<2	12.8	72	8.9	33.72	8.1	<0.2	8.8
I26	0858	6	400	6e	<2	11.7	73	7.2	33.76	8.0		7.5
		9	180e	6e	<2	11.7	77	6.1	33.76	7.9		5.5
		2	<2	<2	<2	13.4	74	8.7	33.71	8.1	<0.2	22.8
I29	0843	6	<2	<2	2e	12.5	75	8.8	33.73	8.1		7.3
		9	62	2e	<2	11.8	75	6.9	33.76	8.0		6.0
		2	<2	<2	<2	12.9	76	8.4	33.70	8.1	<0.2	5.9
I40	0931	12	44	2e	<2	11.6	80	6.7	33.76	7.9		5.2
		18	44	<2	<2	11.6	81	5.5	33.75	7.9		3.8
		2	>16000	380e	120e	12.5	73	7.9	33.71	8.0	<0.2	6.1
		6	320e	6e	10e	12.0	74	7.7	33.75	8.0		4.3
		9	740	26e	8e	11.8	72	7.4	33.75	8.0		18.1



Monthly Station Water Quality Data

Sample Date: 08-MAR-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH pH	OG mg/L	SUSO mg/L
I3	0952	2	<2	<2	18e	13.9	71	10.1	33.60	8.3	<0.2	7.7
		18	<2	<2	<2	12.0	85	6.3	33.72	8.0		8.5
		27	<2	<2	<2	11.9	84	6.0	33.72	7.9		3.7
I5	1018	2	<2	<2	<2	12.8	73	9.1	33.68	8.1	<0.2	9.0
		6	40e	2e	<2	12.5	71	8.0	33.70	8.0		8.9
		11	80e	<2	<2	12.2	70	7.4	33.70	8.0		5.6
I7	0839	2	<2	<2	2e	14.1	76	10.0	33.57	8.3	<0.2	10.7
		18	12e	4e	<2	11.9	84	5.7	33.71	8.0		3.5
		52	460	28e	18e	10.4	91	3.2	33.91	7.8		3.2
I8	1144	2	<2	<2	<2	14.3	73	10.2	33.59	8.3	<0.2	11.3
		18	<2	<2	<2	12.1	86	5.9	33.68	8.0		4.6
		37	6e	<2	<2	11.7	85	5.4	33.74	7.9		3.8
I9	1128	2	<2	<2	<2	14.3	71	10.3	33.59	8.3	<0.2	4.6
		18	2e	<2	<2	11.9	85	6.0	33.72	7.9		4.2
		27	2e	<2	<2	11.9	85	5.9	33.72	7.9		4.7
I10	1110	2	<2	<2	<2	12.9	71	9.7	33.62	8.2	<0.2	3.5
		12	<2	<2	4e	12.1	81	6.7	33.70	8.0		4.8
		18	2e	<2	<2	12.1	81	6.6	33.70	8.0		4.4
I11	1055	2	2e	<2	<2	13.0	68	9.9	33.66	8.2	<0.2	8.7
		6	2e	<2	<2	12.6	69	9.5	33.69	8.1		5.2
		11	12e	<2	<2	12.2	73	7.8	33.71	8.0		7.7
I13	1159	2	<2	<2	2e	14.5	70	10.1	33.57	8.3	<0.2	4.9
		18	<2	<2	<2	12.1	85	6.5	33.70	8.0		6.7
		37	2e	<2	<2	11.5	86	5.0	33.75	7.9		15.8
I20	0815	2	<2	<2	<2	14.4	78	9.8	33.57	8.2	<0.2	6.1
		18	18e	4e	<2	11.2	89	4.4	33.76	7.9		4.5
		55	460	38e	4e	10.3	91	3.1	33.94	7.8		3.7
I21	1219	2	<2	<2	<2	14.5	72	10.0	33.58	8.3	<0.2	4.7
		18	2e	<2	<2	11.6	86	5.4	33.73	7.9		4.5
		37	4e	<2	<2	11.3	88	4.4	33.75	7.8		3.3

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Visual Observations

Sample Date: 05-MAR-07

Station: I28

Parameter	Value
Depth m	58
Arrive Time	0842
Depart Time	0848
Air Temp C	14.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	4.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	7
High Tide ft	4.7
High Tide Time	0926
Low Tide ft	0.2
Low Tide Time	1546
Sea State	Calm

Station: I29

Parameter	Value
Depth m	38
Arrive Time	0902
Depart Time	0908
Air Temp C	14.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	4.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	7
High Tide ft	4.7
High Tide Time	0926
Low Tide ft	0.2
Low Tide Time	1546
Sea State	Calm



Visual Observations

Sample Date: 05-MAR-07

Station: I30

Parameter	Value
Depth m	29
Arrive Time	0916
Depart Time	0925
Air Temp C	15.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	4.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	7
High Tide ft	4.7
High Tide Time	0926
Low Tide ft	0.2
Low Tide Time	1546
Sea State	Calm

Station: I31

Parameter	Value
Depth m	20
Arrive Time	0935
Depart Time	0939
Air Temp C	15.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	4.0
Wind Dir.	W
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	7
High Tide ft	4.7
High Tide Time	0926
Low Tide ft	0.2
Low Tide Time	1546
Sea State	Calm



Visual Observations

Sample Date: 05-MAR-07

Station: I32

Parameter	Value
Depth m	11
Arrive Time	0948
Depart Time	0955
Air Temp C	15.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	5.0
Wind Dir.	SE
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	7
High Tide ft	4.7
High Tide Time	0926
Low Tide ft	0.2
Low Tide Time	1546
Sea State	Calm

Station: I33

Parameter	Value
Depth m	31
Arrive Time	0819
Depart Time	0829
Air Temp C	13.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	4.0
Wind Dir.	W
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.7
High Tide Time	0926
Low Tide ft	0.2
Low Tide Time	1546
Sea State	Calm



Visual Observations

Sample Date: 05-MAR-07

Station: I34

Parameter	Value
Depth m	20
Arrive Time	0804
Depart Time	0807
Air Temp C	13.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	3.0
Wind Dir.	NE
Comments	Seagrass
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.7
High Tide Time	0926
Low Tide ft	0.2
Low Tide Time	1546
Sea State	Calm

Station: I35

Parameter	Value
Depth m	20
Arrive Time	1026
Depart Time	1030
Air Temp C	17.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	4.0
Wind Dir.	NE
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	7
High Tide ft	4.7
High Tide Time	0926
Low Tide ft	0.2
Low Tide Time	1546
Sea State	Calm



Visual Observations

Sample Date: 05-MAR-07

Station: I36

Parameter	Value
Depth m	12
Arrive Time	1009
Depart Time	1015
Air Temp C	17.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	4.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	7
High Tide ft	4.7
High Tide Time	0926
Low Tide ft	0.2
Low Tide Time	1546
Sea State	Calm

Station: I37

Parameter	Value
Depth m	14
Arrive Time	0747
Depart Time	0754
Air Temp C	13.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	2.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.7
High Tide Time	0926
Low Tide ft	0.2
Low Tide Time	1546
Sea State	Calm



Visual Observations

Sample Date: 05-MAR-07	
Station: I38	
Parameter	Value
Depth m	13
Arrive Time	1044
Depart Time	1050
Air Temp C	18.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	5.0
Wind Dir.	NE
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	7
High Tide ft	4.7
High Tide Time	0926
Low Tide ft	0.2
Low Tide Time	1546
Sea State	Calm



Visual Observations

Sample Date: 06-MAR-07

Station: I12

Parameter	Value
Depth m	30
Arrive Time	1045
Depart Time	1052
Air Temp C	16.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	4.0
Wind Dir.	SE
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm

Station: I14

Parameter	Value
Depth m	29
Arrive Time	1108
Depart Time	1115
Air Temp C	15.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	5.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm



Visual Observations

Sample Date: 06-MAR-07	
Station: I15	
Parameter	Value
Depth m	33
Arrive Time	1058
Depart Time	1101
Air Temp C	16.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	3.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm
Station: I16	
Parameter	Value
Depth m	29
Arrive Time	1030
Depart Time	1036
Air Temp C	16.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	1.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm



Visual Observations

Sample Date: 06-MAR-07

Station: I17

Parameter	Value
Depth m	25
Arrive Time	1021
Depart Time	1025
Air Temp C	15.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	4.0
Wind Dir.	NE
Comments	Dolphins
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm

Station: I18

Parameter	Value
Depth m	21
Arrive Time	1004
Depart Time	1012
Air Temp C	15.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	4.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm



Visual Observations

Sample Date: 06-MAR-07

Station: I19

Parameter	Value
Depth m	12
Arrive Time	0947
Depart Time	0953
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	5.0
Wind Dir.	NE
Comments	Birds
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm

Station: I22

Parameter	Value
Depth m	29
Arrive Time	1123
Depart Time	1128
Air Temp C	15.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	4.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm



Visual Observations

Sample Date: 06-MAR-07

Station: I23

Parameter	Value
Depth m	22
Arrive Time	1139
Depart Time	1144
Air Temp C	15.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	5.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm

Station: I24

Parameter	Value
Depth m	12
Arrive Time	0922
Depart Time	0924
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	2.0
Wind Dir.	SE
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm



Visual Observations

Sample Date: 06-MAR-07

Station: I25

Parameter	Value
Depth m	10
Arrive Time	0910
Depart Time	0915
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	4.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm

Station: I26

Parameter	Value
Depth m	10
Arrive Time	0858
Depart Time	0904
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	3.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm



Visual Observations

Sample Date: 06-MAR-07	
Station: I27	
Parameter	Value
Depth m	30
Arrive Time	0829
Depart Time	0832
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	4.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm
Station: I39	
Parameter	Value
Depth m	19
Arrive Time	0843
Depart Time	0850
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	4.0
Wind Dir.	W
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm



Visual Observations

Sample Date: 06-MAR-07	
Station: I40	
Parameter	Value
Depth m	11
Arrive Time	0931
Depart Time	0935
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	17
Wind Speed Kts	1.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	1
Wave Period sec	9
High Tide ft	4.2
High Tide Time	0958
Low Tide ft	0.6
Low Tide Time	0407
Sea State	Calm



Visual Observations

Sample Date: 08-MAR-07	
Station: I1	
Parameter	Value
Depth m	61
Arrive Time	0904
Depart Time	0910
Air Temp C	13.0
Weather	Clear
Visibility mi	7
Wind Speed Kts	2.0
Wind Dir.	N
Comments	Possible red tide
Water Color	Brownish-Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Calm
Station: I2	
Parameter	Value
Depth m	34
Arrive Time	0933
Depart Time	0943
Air Temp C	13.0
Weather	Clear
Visibility mi	7
Wind Speed Kts	5.0
Wind Dir.	NE
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Calm



Visual Observations

Sample Date: 08-MAR-07

Station: I3

Parameter	Value
Depth m	28
Arrive Time	0952
Depart Time	0955
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	6.0
Wind Dir.	SW
Water Color	Brownish-Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Calm

Station: I4

Parameter	Value
Depth m	20
Arrive Time	1011
Depart Time	1014
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	5.0
Wind Dir.	SW
Comments	Whale just west of station 200 yards; Seagrass debris; Kelp debris
Water Color	Brownish-Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Calm



Visual Observations

Sample Date: 08-MAR-07	
Station: 15	
Parameter	Value
Depth m	15
Arrive Time	1018
Depart Time	1023
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	9
Wind Speed Kts	4.0
Wind Dir.	E
Comments	Kelp debris
Water Color	Brownish-Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Calm
Station: 16	
Parameter	Value
Depth m	26
Arrive Time	1038
Depart Time	1042
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	9
Wind Speed Kts	7.0
Wind Dir.	NE
Comments	Kelp debris; Phytoplankton bloom
Water Color	Brownish-Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Calm



Visual Observations

Sample Date: 08-MAR-07

Station: I7

Parameter	Value
Depth m	53
Arrive Time	0839
Depart Time	0846
Air Temp C	12.0
Weather	Clear
Visibility mi	7
Wind Speed Kts	4.0
Wind Dir.	SE
Comments	Phytoplankton bloom
Water Color	Brownish-Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Calm

Station: I8

Parameter	Value
Depth m	37
Arrive Time	1144
Depart Time	1149
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	9
Wind Speed Kts	12.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Heavy chop



Visual Observations

Sample Date: 08-MAR-07	
Station: I9	
Parameter	Value
Depth m	30
Arrive Time	1128
Depart Time	1132
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	9
Wind Speed Kts	11.0
Wind Dir.	W
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Light chop
Station: I10	
Parameter	Value
Depth m	21
Arrive Time	1110
Depart Time	1115
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	9
Wind Speed Kts	8.0
Wind Dir.	S
Water Color	Brownish-Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Light chop



Visual Observations

Sample Date: 08-MAR-07	
Station: I11	
Parameter	Value
Depth m	14
Arrive Time	1055
Depart Time	1102
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	9
Wind Speed Kts	5.0
Wind Dir.	SW
Comments	Phytoplankton bloom
Water Color	Brownish-Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Calm
Station: I13	
Parameter	Value
Depth m	38
Arrive Time	1159
Depart Time	1205
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	9
Wind Speed Kts	12.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Heavy chop



Visual Observations

Sample Date: 08-MAR-07	
Station: I20	
Parameter	Value
Depth m	56
Arrive Time	0815
Depart Time	0824
Air Temp C	12.0
Weather	Fog
Visibility mi	< 1
Wind Speed Kts	7.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Calm
Station: I21	
Parameter	Value
Depth m	42
Arrive Time	1219
Depart Time	1226
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	9
Wind Speed Kts	12.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	4
Wave Period sec	9
High Tide ft	3.1
High Tide Time	1108
Low Tide ft	0.7
Low Tide Time	0524
Sea State	Heavy chop

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CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I1	20070308	1	13.7	71	9.7	33.6	8.2	25.2	11.44
I1	20070308	2	13.7	71	9.7	33.6	8.2	25.2	11.99
I1	20070308	3	13.6	72	9.7	33.6	8.2	25.2	20.36
I1	20070308	4	13.5	72	9.6	33.6	8.2	25.2	30.36
I1	20070308	5	13.4	72	9.4	33.6	8.2	25.2	32.63
I1	20070308	6	13.4	72	9.3	33.6	8.2	25.2	29.94
I1	20070308	7	13.4	73	9.1	33.6	8.2	25.2	31.09
I1	20070308	8	13.2	73	9.1	33.6	8.2	25.3	28.44
I1	20070308	9	13.0	74	8.9	33.6	8.2	25.3	25.28
I1	20070308	10	12.8	76	8.4	33.6	8.1	25.4	18.41
I1	20070308	11	12.7	79	8.1	33.6	8.1	25.4	19.16
I1	20070308	12	12.7	80	7.8	33.6	8.1	25.4	17.80
I1	20070308	13	12.5	80	7.6	33.6	8.1	25.4	14.03
I1	20070308	14	12.3	81	7.3	33.7	8.1	25.5	13.41
I1	20070308	15	12.3	83	6.8	33.7	8.0	25.5	13.82
I1	20070308	16	12.3	82	6.6	33.7	8.0	25.5	15.12
I1	20070308	17	12.3	83	6.5	33.7	8.0	25.5	14.51
I1	20070308	18	12.3	83	6.4	33.7	8.0	25.5	13.59
I1	20070308	19	12.3	83	6.4	33.7	8.0	25.5	15.23
I1	20070308	20	12.2	83	6.4	33.7	8.0	25.5	12.79
I1	20070308	21	12.0	83	6.3	33.7	8.0	25.6	10.91
I1	20070308	22	12.0	84	6.1	33.7	8.0	25.6	9.99
I1	20070308	23	12.0	84	5.9	33.7	8.0	25.6	9.25
I1	20070308	24	12.0	85	5.8	33.7	8.0	25.6	9.35
I1	20070308	25	12.0	85	5.7	33.7	8.0	25.6	8.23
I1	20070308	26	11.9	85	5.6	33.7	8.0	25.6	6.60
I1	20070308	27	11.8	86	5.5	33.7	8.0	25.6	4.47
I1	20070308	28	11.7	87	5.4	33.7	7.9	25.6	3.83
I1	20070308	29	11.6	88	5.2	33.7	7.9	25.7	2.45
I1	20070308	30	11.5	89	5.0	33.7	7.9	25.7	2.10
I1	20070308	31	11.4	89	4.8	33.7	7.9	25.7	1.62
I1	20070308	32	11.4	90	4.5	33.7	7.9	25.7	1.39
I1	20070308	33	11.3	90	4.4	33.7	7.9	25.7	1.12
I1	20070308	34	11.2	90	4.4	33.7	7.9	25.8	0.77
I1	20070308	35	11.1	90	4.2	33.8	7.9	25.8	0.59
I1	20070308	36	11.1	90	4.1	33.8	7.8	25.8	0.50
I1	20070308	37	11.0	91	4.0	33.8	7.8	25.8	0.48
I1	20070308	38	10.9	91	3.9	33.8	7.8	25.8	0.41
I1	20070308	39	10.9	91	3.9	33.8	7.8	25.9	0.40
I1	20070308	40	10.9	91	3.9	33.8	7.8	25.9	0.38
I1	20070308	41	10.8	91	3.8	33.8	7.8	25.9	0.35
I1	20070308	42	10.8	91	3.8	33.8	7.8	25.9	0.35
I1	20070308	43	10.8	91	3.8	33.8	7.8	25.9	0.31
I1	20070308	44	10.7	91	3.8	33.8	7.8	25.9	0.32
I1	20070308	45	10.7	91	3.7	33.8	7.8	25.9	0.29

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I1	20070308	46	10.7	91	3.7	33.8	7.8	25.9	0.31
I1	20070308	47	10.7	91	3.7	33.8	7.8	25.9	0.30
I1	20070308	48	10.7	91	3.6	33.8	7.8	25.9	0.30
I1	20070308	49	10.7	91	3.6	33.8	7.8	25.9	0.32
I1	20070308	50	10.7	91	3.6	33.8	7.8	25.9	0.41
I1	20070308	51	10.7	91	3.6	33.8	7.8	25.9	0.34
I1	20070308	52	10.6	91	3.5	33.9	7.8	25.9	0.33
I1	20070308	53	10.6	91	3.5	33.9	7.8	25.9	0.31
I1	20070308	54	10.6	91	3.5	33.9	7.8	25.9	0.30
I1	20070308	55	10.6	91	3.5	33.8	7.8	25.9	0.31
I1	20070308	56	10.6	91	3.5	33.9	7.8	25.9	0.31
I1	20070308	57	10.6	91	3.5	33.9	7.8	25.9	0.32
I1	20070308	58	10.6	91	3.5	33.9	7.8	25.9	0.32
I1	20070308	59	10.6	91	3.5	33.8	7.8	25.9	0.34
I1	20070308	60	10.6	91	3.5	33.8	7.8	25.9	0.31
I1	20070308	61	10.6	91	3.5	33.9	7.8	25.9	0.31
I10	20070308	1	13.8	66	10.7	33.6	8.2	25.2	12.03
I10	20070308	2	12.9	71	9.7	33.6	8.2	25.3	9.44
I10	20070308	3	12.4	83	7.1	33.6	8.0	25.4	7.37
I10	20070308	4	12.5	83	6.8	33.6	8.0	25.5	11.78
I10	20070308	5	12.4	81	6.9	33.7	8.0	25.5	19.59
I10	20070308	6	12.3	79	7.4	33.7	8.1	25.5	25.27
I10	20070308	7	12.2	78	7.6	33.7	8.0	25.5	23.43
I10	20070308	8	12.1	79	7.5	33.7	8.0	25.6	20.92
I10	20070308	9	12.1	80	7.2	33.7	8.0	25.6	16.83
I10	20070308	10	12.1	81	7.0	33.7	8.0	25.6	14.69
I10	20070308	11	12.1	81	6.8	33.7	8.0	25.6	13.92
I10	20070308	12	12.1	81	6.7	33.7	8.0	25.6	14.58
I10	20070308	13	12.1	81	6.7	33.7	8.0	25.6	12.62
I10	20070308	14	12.1	81	6.6	33.7	8.0	25.6	12.95
I10	20070308	15	12.1	81	6.6	33.7	8.0	25.6	12.14
I10	20070308	16	12.1	82	6.6	33.7	8.0	25.6	12.26
I10	20070308	17	12.1	81	6.6	33.7	8.0	25.6	11.82
I10	20070308	18	12.1	81	6.6	33.7	8.0	25.6	11.77
I10	20070308	19	12.1	81	6.6	33.7	8.0	25.6	12.66
I10	20070308	20	12.1	81	6.6	33.7	8.0	25.6	10.77
I11	20070308	1	13.1	67	10.0	33.7	8.2	25.3	22.59
I11	20070308	2	13.0	68	9.9	33.7	8.2	25.4	28.48
I11	20070308	3	13.0	68	9.9	33.7	8.2	25.4	29.08
I11	20070308	4	12.9	68	9.9	33.7	8.2	25.4	37.31
I11	20070308	5	12.8	67	9.8	33.7	8.2	25.4	40.22
I11	20070308	6	12.6	69	9.5	33.7	8.1	25.5	43.79
I11	20070308	7	12.4	71	9.2	33.7	8.1	25.5	42.57
I11	20070308	8	12.3	72	8.7	33.7	8.1	25.5	37.65
I11	20070308	9	12.3	72	8.4	33.7	8.1	25.5	31.30

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I11	20070308	10	12.3	73	8.1	33.7	8.0	25.5	23.34
I11	20070308	11	12.2	73	7.8	33.7	8.0	25.5	21.71
I11	20070308	12	12.2	73	7.5	33.7	8.0	25.5	17.96
I11	20070308	13	12.2	74	7.4	33.7	8.0	25.5	16.99
I11	20070308	14	12.2	75	7.2	33.7	8.0	25.5	14.68
I12	20070306	1	13.5	78	8.5	33.6	8.1	25.2	4.64
I12	20070306	2	13.1	78	8.3	33.6	8.1	25.3	5.37
I12	20070306	3	12.8	78	8.1	33.7	8.1	25.4	6.60
I12	20070306	4	12.7	78	7.7	33.7	8.1	25.4	8.38
I12	20070306	5	12.7	78	7.5	33.7	8.1	25.4	10.41
I12	20070306	6	12.5	79	7.3	33.6	8.0	25.4	13.00
I12	20070306	7	11.9	81	6.8	33.6	8.0	25.6	11.35
I12	20070306	8	11.8	86	5.6	33.7	7.9	25.6	4.82
I12	20070306	9	11.8	87	5.1	33.7	7.9	25.6	4.17
I12	20070306	10	11.8	87	5.0	33.7	7.9	25.6	5.29
I12	20070306	11	11.7	87	5.0	33.7	7.9	25.6	5.26
I12	20070306	12	11.7	87	5.0	33.7	7.9	25.6	6.32
I12	20070306	13	11.7	87	5.0	33.7	7.9	25.6	7.02
I12	20070306	14	11.7	86	5.2	33.7	7.9	25.6	7.78
I12	20070306	15	11.7	86	5.4	33.7	7.9	25.7	10.43
I12	20070306	16	11.7	86	5.6	33.7	7.9	25.7	10.81
I12	20070306	17	11.6	86	5.8	33.8	7.9	25.7	11.00
I12	20070306	18	11.5	86	6.0	33.8	7.9	25.7	11.59
I12	20070306	19	11.3	84	6.0	33.8	7.9	25.8	9.77
I12	20070306	20	11.3	82	6.0	33.8	7.9	25.8	10.85
I12	20070306	21	11.3	81	6.0	33.8	7.9	25.8	11.36
I12	20070306	22	11.3	81	6.0	33.8	7.9	25.8	11.80
I12	20070306	23	11.3	81	6.0	33.8	7.9	25.8	11.72
I12	20070306	24	11.3	81	6.0	33.8	7.9	25.8	10.97
I12	20070306	25	11.3	81	6.0	33.8	7.9	25.8	11.70
I12	20070306	26	11.3	81	6.0	33.8	7.9	25.8	11.58
I12	20070306	27	11.3	81	6.0	33.8	7.9	25.8	11.00
I12	20070306	28	11.3	81	6.0	33.8	7.9	25.8	11.34
I12	20070306	29	11.3	81	6.0	33.8	7.9	25.8	11.72
I13	20070308	1	14.5	69	10.1	33.4	8.3	24.8	3.40
I13	20070308	2	14.5	70	10.1	33.6	8.3	25.0	3.68
I13	20070308	3	14.5	74	10.1	33.6	8.3	25.0	3.92
I13	20070308	4	14.5	74	10.2	33.6	8.3	25.0	4.22
I13	20070308	5	14.3	73	10.2	33.6	8.3	25.0	7.69
I13	20070308	6	13.9	75	10.3	33.6	8.3	25.1	8.53
I13	20070308	7	13.5	79	10.1	33.6	8.2	25.2	7.17
I13	20070308	8	13.2	84	9.5	33.6	8.2	25.3	8.46
I13	20070308	9	13.1	83	8.7	33.6	8.1	25.3	11.90
I13	20070308	10	12.8	83	8.4	33.6	8.1	25.4	15.20
I13	20070308	11	12.8	82	8.0	33.6	8.1	25.4	15.82

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I13	20070308	12	12.7	82	7.7	33.6	8.1	25.4	16.37
I13	20070308	13	12.6	82	7.5	33.7	8.1	25.4	16.89
I13	20070308	14	12.6	82	7.3	33.7	8.1	25.4	17.04
I13	20070308	15	12.4	83	7.1	33.7	8.0	25.5	16.29
I13	20070308	16	12.3	83	6.9	33.7	8.0	25.5	15.54
I13	20070308	17	12.2	85	6.6	33.7	8.0	25.5	13.66
I13	20070308	18	12.1	85	6.5	33.7	8.0	25.6	11.16
I13	20070308	19	12.1	85	6.2	33.7	8.0	25.6	10.08
I13	20070308	20	11.9	86	6.0	33.7	8.0	25.6	8.28
I13	20070308	21	11.9	87	5.7	33.7	7.9	25.6	6.14
I13	20070308	22	11.7	88	5.6	33.7	7.9	25.6	4.70
I13	20070308	23	11.6	88	5.2	33.7	7.9	25.7	4.10
I13	20070308	24	11.5	89	4.9	33.7	7.9	25.7	3.93
I13	20070308	25	11.5	88	4.8	33.7	7.9	25.7	3.79
I13	20070308	26	11.5	88	4.8	33.7	7.9	25.7	3.70
I13	20070308	27	11.5	87	4.8	33.7	7.9	25.7	3.96
I13	20070308	28	11.5	86	4.8	33.7	7.9	25.7	4.56
I13	20070308	29	11.5	86	4.9	33.7	7.9	25.7	4.66
I13	20070308	30	11.5	86	4.9	33.7	7.9	25.7	4.31
I13	20070308	31	11.5	86	5.0	33.7	7.9	25.7	4.29
I13	20070308	32	11.5	86	5.0	33.7	7.9	25.7	4.90
I13	20070308	33	11.5	86	5.0	33.7	7.9	25.7	4.50
I13	20070308	34	11.5	86	5.0	33.7	7.9	25.7	4.44
I13	20070308	35	11.5	86	5.0	33.7	7.9	25.7	4.64
I13	20070308	36	11.5	86	5.0	33.7	7.9	25.7	4.23
I13	20070308	37	11.5	86	5.0	33.7	7.9	25.7	4.58
I13	20070308	38	11.5	86	5.0	33.7	7.9	25.7	4.56
I13	20070308	39	11.5	86	5.0	33.7	7.9	25.7	3.65
I14	20070306	1	13.4	77	8.2	33.6	8.1	25.3	7.10
I14	20070306	2	13.0	78	8.2	33.7	8.1	25.4	7.79
I14	20070306	3	12.8	77	8.0	33.7	8.1	25.4	10.19
I14	20070306	4	12.7	77	7.7	33.7	8.1	25.4	12.43
I14	20070306	5	12.5	78	7.7	33.7	8.0	25.5	15.57
I14	20070306	6	12.2	78	7.3	33.7	8.0	25.5	15.12
I14	20070306	7	12.1	80	6.6	33.7	8.0	25.5	13.22
I14	20070306	8	12.0	81	6.2	33.6	8.0	25.5	11.53
I14	20070306	9	11.8	82	5.7	33.6	7.9	25.6	8.01
I14	20070306	10	11.8	84	5.4	33.7	7.9	25.6	7.58
I14	20070306	11	11.8	84	5.5	33.7	7.9	25.6	10.23
I14	20070306	12	11.8	83	5.7	33.7	7.9	25.6	11.41
I14	20070306	13	11.8	83	6.0	33.7	7.9	25.6	14.39
I14	20070306	14	11.9	82	6.1	33.7	7.9	25.6	13.52
I14	20070306	15	11.9	83	6.2	33.7	7.9	25.6	14.88
I14	20070306	16	11.8	82	6.4	33.7	8.0	25.6	18.19
I14	20070306	17	11.7	82	6.5	33.7	7.9	25.7	16.42

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I14	20070306	18	11.6	83	6.3	33.8	7.9	25.7	10.97
I14	20070306	19	11.4	84	6.3	33.8	7.9	25.8	11.21
I14	20070306	20	11.4	82	6.3	33.8	7.9	25.8	11.51
I14	20070306	21	11.4	81	6.3	33.8	7.9	25.8	11.09
I14	20070306	22	11.4	80	6.3	33.8	7.9	25.8	11.39
I14	20070306	23	11.4	80	6.3	33.8	7.9	25.8	11.13
I14	20070306	24	11.3	80	6.3	33.8	7.9	25.8	11.66
I14	20070306	25	11.3	80	6.3	33.8	7.9	25.8	10.63
I14	20070306	26	11.3	80	6.3	33.8	7.9	25.8	11.00
I14	20070306	27	11.3	80	6.3	33.8	7.9	25.8	10.86
I14	20070306	28	11.3	79	6.3	33.8	7.9	25.8	10.71
I15	20070306	1	13.2	77	8.2	33.6	8.1	25.3	6.62
I15	20070306	2	12.9	77	8.1	33.6	8.1	25.4	7.96
I15	20070306	3	12.8	78	7.9	33.6	8.1	25.4	10.64
I15	20070306	4	12.8	78	7.8	33.7	8.1	25.4	12.50
I15	20070306	5	12.7	79	7.6	33.6	8.1	25.4	12.85
I15	20070306	6	12.3	79	7.3	33.6	8.0	25.5	8.38
I15	20070306	7	11.9	80	6.4	33.6	8.0	25.5	4.41
I15	20070306	8	11.8	85	5.5	33.6	7.9	25.6	4.28
I15	20070306	9	11.8	86	5.0	33.6	7.9	25.6	4.46
I15	20070306	10	11.7	87	4.9	33.7	7.9	25.6	4.36
I15	20070306	11	11.7	88	4.8	33.7	7.9	25.6	4.42
I15	20070306	12	11.6	88	4.8	33.7	7.9	25.6	5.53
I15	20070306	13	11.6	88	4.7	33.7	7.9	25.6	4.56
I15	20070306	14	11.6	88	4.6	33.7	7.9	25.7	4.65
I15	20070306	15	11.5	88	4.6	33.7	7.9	25.7	5.44
I15	20070306	16	11.5	88	4.6	33.7	7.9	25.7	4.96
I15	20070306	17	11.4	88	4.5	33.7	7.9	25.7	5.00
I15	20070306	18	11.4	88	4.5	33.7	7.9	25.7	7.15
I15	20070306	19	11.4	87	4.5	33.7	7.9	25.7	5.90
I15	20070306	20	11.3	87	4.5	33.8	7.9	25.8	7.81
I15	20070306	21	11.3	87	4.7	33.8	7.9	25.8	9.59
I15	20070306	22	11.2	85	5.2	33.8	7.9	25.8	10.13
I15	20070306	23	11.2	83	5.6	33.8	7.9	25.8	9.81
I15	20070306	24	11.2	82	5.7	33.8	7.9	25.8	10.37
I15	20070306	25	11.2	82	5.8	33.8	7.9	25.8	10.21
I15	20070306	26	11.2	82	5.8	33.8	7.9	25.8	9.44
I15	20070306	27	11.2	81	5.8	33.8	7.9	25.8	10.06
I15	20070306	28	11.2	81	5.8	33.8	7.9	25.8	9.67
I15	20070306	29	11.2	81	5.8	33.8	7.9	25.8	9.58
I15	20070306	30	11.2	81	5.8	33.8	7.9	25.8	9.66
I15	20070306	31	11.2	81	5.8	33.8	7.9	25.8	9.60
I15	20070306	32	11.2	81	5.8	33.8	7.9	25.8	9.96
I16	20070306	1	13.0	79	7.9	33.7	8.1	25.3	6.18
I16	20070306	2	12.8	78	7.7	33.7	8.1	25.4	7.90

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I16	20070306	3	12.7	78	7.6	33.7	8.1	25.4	10.86
I16	20070306	4	12.5	79	7.5	33.7	8.0	25.4	10.15
I16	20070306	5	12.3	81	7.0	33.6	8.0	25.5	8.51
I16	20070306	6	11.9	82	6.6	33.6	8.0	25.5	7.18
I16	20070306	7	11.8	83	5.9	33.6	7.9	25.6	8.77
I16	20070306	8	11.7	80	5.7	33.6	7.9	25.6	9.56
I16	20070306	9	11.6	79	5.7	33.6	7.9	25.6	8.71
I16	20070306	10	11.8	80	5.7	33.7	7.9	25.6	8.24
I16	20070306	11	11.8	84	5.6	33.7	7.9	25.6	8.71
I16	20070306	12	11.9	85	5.5	33.7	7.9	25.6	9.89
I16	20070306	13	11.9	85	5.6	33.7	7.9	25.6	8.81
I16	20070306	14	11.9	85	5.6	33.7	7.9	25.6	10.01
I16	20070306	15	11.9	85	5.6	33.7	7.9	25.6	11.70
I16	20070306	16	11.9	85	5.8	33.7	7.9	25.6	15.57
I16	20070306	17	11.9	84	6.0	33.7	7.9	25.6	16.11
I16	20070306	18	11.9	83	6.2	33.7	7.9	25.6	13.35
I16	20070306	19	11.8	84	6.3	33.7	7.9	25.7	12.06
I16	20070306	20	11.7	85	6.3	33.7	7.9	25.7	12.38
I16	20070306	21	11.6	85	6.2	33.8	7.9	25.7	13.00
I16	20070306	22	11.4	84	6.2	33.8	7.9	25.8	10.98
I16	20070306	23	11.4	81	6.2	33.8	7.9	25.8	11.18
I16	20070306	24	11.3	80	6.2	33.8	7.9	25.8	11.43
I16	20070306	25	11.3	80	6.3	33.8	7.9	25.8	11.63
I16	20070306	26	11.3	80	6.3	33.8	7.9	25.8	11.31
I16	20070306	27	11.3	80	6.3	33.8	7.9	25.8	11.38
I16	20070306	28	11.3	80	6.3	33.8	7.9	25.8	11.20
I16	20070306	29	11.3	80	6.3	33.8	7.9	25.8	10.87
I17	20070306	1	12.7	78	7.5	33.7	8.0	25.4	7.16
I17	20070306	2	12.7	78	7.5	33.7	8.0	25.4	7.45
I17	20070306	3	12.7	79	7.6	33.7	8.0	25.4	7.94
I17	20070306	4	12.7	78	7.6	33.7	8.0	25.4	10.53
I17	20070306	5	12.7	78	7.6	33.7	8.0	25.4	13.58
I17	20070306	6	12.7	78	7.6	33.7	8.0	25.4	15.16
I17	20070306	7	12.7	78	7.6	33.7	8.0	25.4	15.95
I17	20070306	8	12.7	78	7.5	33.7	8.0	25.4	17.34
I17	20070306	9	12.7	78	7.5	33.7	8.0	25.4	18.72
I17	20070306	10	12.7	78	7.6	33.7	8.0	25.4	19.32
I17	20070306	11	12.6	78	7.6	33.7	8.0	25.5	19.92
I17	20070306	12	12.6	77	7.7	33.7	8.0	25.5	20.23
I17	20070306	13	12.6	77	7.7	33.7	8.0	25.5	20.37
I17	20070306	14	12.5	77	7.8	33.7	8.0	25.5	19.50
I17	20070306	15	12.5	76	7.9	33.7	8.0	25.5	20.68
I17	20070306	16	12.5	76	7.9	33.7	8.0	25.5	19.96
I17	20070306	17	12.5	77	7.9	33.7	8.0	25.5	20.28
I17	20070306	18	12.4	77	7.9	33.7	8.0	25.5	19.55

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I17	20070306	19	12.3	78	7.8	33.7	8.0	25.5	18.00
I17	20070306	20	12.2	78	7.7	33.7	8.0	25.6	18.36
I17	20070306	21	11.8	80	7.4	33.8	8.0	25.7	18.63
I17	20070306	22	11.7	83	6.7	33.8	8.0	25.7	16.12
I17	20070306	23	11.6	84	6.4	33.8	7.9	25.7	13.68
I17	20070306	24	11.5	85	6.2	33.8	7.9	25.7	12.43
I17	20070306	25	11.4	84	6.2	33.8	7.9	25.7	11.48
I17	20070306	26	11.4	82	6.3	33.8	7.9	25.8	11.87
I17	20070306	27	11.4	80	6.4	33.8	7.9	25.8	11.59
I18	20070306	1	13.1	70	8.3	33.6	8.0	25.3	4.26
I18	20070306	2	13.0	70	8.2	33.6	8.0	25.3	4.89
I18	20070306	3	12.8	70	8.3	33.7	8.0	25.4	7.31
I18	20070306	4	12.5	72	8.2	33.7	8.0	25.5	11.77
I18	20070306	5	12.3	73	8.1	33.7	8.0	25.6	15.18
I18	20070306	6	12.0	74	7.8	33.7	8.0	25.6	15.51
I18	20070306	7	11.8	75	7.7	33.8	8.0	25.7	14.91
I18	20070306	8	11.7	74	7.4	33.7	7.9	25.7	14.46
I18	20070306	9	11.6	75	7.1	33.8	7.9	25.7	14.46
I18	20070306	10	11.5	76	6.9	33.8	7.9	25.7	14.15
I18	20070306	11	11.5	77	6.8	33.8	7.9	25.7	13.72
I18	20070306	12	11.5	78	6.7	33.8	7.9	25.7	12.18
I18	20070306	13	11.5	78	6.7	33.8	7.9	25.7	12.15
I18	20070306	14	11.5	78	6.7	33.8	7.9	25.7	12.10
I18	20070306	15	11.5	78	6.6	33.8	7.9	25.7	11.53
I18	20070306	16	11.5	78	6.6	33.8	7.9	25.7	11.16
I18	20070306	17	11.4	78	6.6	33.8	7.9	25.7	10.61
I18	20070306	18	11.4	78	6.5	33.8	7.9	25.7	10.18
I18	20070306	19	11.4	78	6.5	33.8	7.9	25.7	9.78
I18	20070306	20	11.4	78	6.4	33.8	7.9	25.7	9.93
I18	20070306	21	11.4	78	6.4	33.8	7.9	25.7	9.34
I19	20070306	1	12.5	76	8.2	33.7	8.0	25.5	6.10
I19	20070306	2	12.4	77	8.2	33.7	8.0	25.5	7.68
I19	20070306	3	12.2	76	8.3	33.7	8.0	25.6	8.56
I19	20070306	4	12.1	75	8.1	33.7	8.0	25.6	11.99
I19	20070306	5	12.1	75	8.0	33.7	8.0	25.6	12.77
I19	20070306	6	12.1	74	7.9	33.7	8.0	25.6	13.78
I19	20070306	7	12.0	73	7.8	33.7	8.0	25.6	15.29
I19	20070306	8	12.0	75	7.8	33.7	8.0	25.6	13.48
I19	20070306	9	11.9	76	7.8	33.7	8.0	25.6	15.95
I19	20070306	10	11.9	73	7.8	33.7	8.0	25.6	17.58
I19	20070306	11	11.9	68	7.7	33.7	8.0	25.6	21.13
I2	20070308	1	14.2	74	10.1	33.6	8.3	25.0	3.94
I2	20070308	2	14.1	65	10.1	33.6	8.3	25.1	5.71
I2	20070308	3	13.8	70	10.1	33.6	8.3	25.1	8.72
I2	20070308	4	13.4	77	9.9	33.6	8.2	25.2	5.45

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I2	20070308	5	13.3	83	9.6	33.6	8.2	25.3	4.72
I2	20070308	6	13.1	85	9.3	33.6	8.2	25.3	5.82
I2	20070308	7	13.0	85	8.9	33.6	8.2	25.3	7.15
I2	20070308	8	12.9	85	8.5	33.6	8.1	25.3	7.72
I2	20070308	9	12.9	85	8.1	33.6	8.1	25.3	7.96
I2	20070308	10	12.9	86	7.8	33.6	8.1	25.3	8.23
I2	20070308	11	12.9	85	7.6	33.6	8.1	25.4	10.58
I2	20070308	12	12.9	84	7.5	33.6	8.1	25.4	16.25
I2	20070308	13	12.8	82	7.5	33.6	8.1	25.4	16.55
I2	20070308	14	12.7	83	7.5	33.6	8.1	25.4	14.91
I2	20070308	15	12.5	84	7.5	33.7	8.1	25.5	12.55
I2	20070308	16	12.5	85	7.1	33.7	8.0	25.5	11.60
I2	20070308	17	12.3	85	6.6	33.7	8.0	25.5	8.77
I2	20070308	18	12.0	87	6.4	33.7	8.0	25.6	5.15
I2	20070308	19	11.9	88	5.9	33.7	8.0	25.6	3.88
I2	20070308	20	11.9	88	5.3	33.7	7.9	25.6	3.19
I2	20070308	21	11.8	89	5.1	33.7	7.9	25.6	2.90
I2	20070308	22	11.7	89	5.0	33.7	7.9	25.6	3.30
I2	20070308	23	11.7	88	4.8	33.7	7.9	25.7	3.67
I2	20070308	24	11.7	87	4.9	33.7	7.9	25.7	3.90
I2	20070308	25	11.7	87	4.9	33.7	7.9	25.7	4.27
I2	20070308	26	11.7	87	5.0	33.7	7.9	25.7	4.19
I2	20070308	27	11.7	87	5.1	33.7	7.9	25.7	4.57
I2	20070308	28	11.7	87	5.1	33.7	7.9	25.7	4.43
I2	20070308	29	11.7	87	5.1	33.7	7.9	25.7	4.22
I2	20070308	30	11.7	87	5.1	33.7	7.9	25.7	4.29
I2	20070308	31	11.7	86	5.1	33.7	7.9	25.7	4.17
I2	20070308	32	11.7	87	5.2	33.7	7.9	25.7	4.51
I2	20070308	33	11.7	86	5.2	33.7	7.9	25.7	4.11
I20	20070308	1	14.5	78	9.8	33.6	8.2	25.0	5.48
I20	20070308	2	14.4	78	9.8	33.6	8.2	25.0	6.99
I20	20070308	3	14.4	78	9.8	33.6	8.2	25.0	9.01
I20	20070308	4	14.4	78	9.8	33.6	8.2	25.0	10.16
I20	20070308	5	14.4	78	9.8	33.6	8.2	25.0	16.78
I20	20070308	6	13.9	77	9.9	33.6	8.2	25.1	26.60
I20	20070308	7	13.2	76	9.9	33.6	8.2	25.3	26.28
I20	20070308	8	13.3	77	8.5	33.6	8.1	25.2	27.47
I20	20070308	9	12.9	77	8.4	33.6	8.1	25.4	21.72
I20	20070308	10	12.8	78	8.0	33.7	8.1	25.4	17.15
I20	20070308	11	12.4	79	7.5	33.7	8.1	25.5	11.26
I20	20070308	12	12.0	81	7.0	33.7	8.0	25.6	8.22
I20	20070308	13	11.8	82	6.0	33.7	8.0	25.6	5.58
I20	20070308	14	11.6	85	5.7	33.7	8.0	25.7	4.07
I20	20070308	15	11.4	87	5.4	33.8	7.9	25.7	3.59
I20	20070308	16	11.3	88	4.9	33.8	7.9	25.8	2.93

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I20	20070308	17	11.2	88	4.5	33.8	7.9	25.8	2.45
I20	20070308	18	11.2	89	4.4	33.8	7.9	25.8	2.54
I20	20070308	19	11.2	89	4.3	33.8	7.9	25.8	2.56
I20	20070308	20	11.2	89	4.2	33.8	7.8	25.8	2.13
I20	20070308	21	11.2	89	4.1	33.8	7.8	25.8	1.79
I20	20070308	22	11.1	89	4.1	33.8	7.8	25.8	1.75
I20	20070308	23	11.1	89	4.1	33.8	7.8	25.8	1.57
I20	20070308	24	11.1	89	4.1	33.8	7.8	25.8	1.40
I20	20070308	25	11.0	89	4.1	33.8	7.8	25.8	1.09
I20	20070308	26	10.9	90	4.0	33.8	7.8	25.8	0.99
I20	20070308	27	10.9	90	3.9	33.8	7.8	25.9	1.09
I20	20070308	28	10.9	90	3.9	33.8	7.8	25.9	1.19
I20	20070308	29	10.8	90	3.8	33.8	7.8	25.9	0.96
I20	20070308	30	10.7	90	3.8	33.8	7.8	25.9	0.70
I20	20070308	31	10.7	90	3.8	33.9	7.8	25.9	0.52
I20	20070308	32	10.7	91	3.7	33.9	7.8	25.9	0.47
I20	20070308	33	10.7	90	3.6	33.9	7.8	25.9	0.45
I20	20070308	34	10.6	91	3.5	33.9	7.8	25.9	0.49
I20	20070308	35	10.6	91	3.5	33.9	7.8	26.0	0.48
I20	20070308	36	10.6	91	3.5	33.9	7.8	26.0	0.47
I20	20070308	37	10.6	91	3.5	33.9	7.8	26.0	0.43
I20	20070308	38	10.6	91	3.4	33.9	7.8	26.0	0.43
I20	20070308	39	10.5	91	3.4	33.9	7.8	26.0	0.42
I20	20070308	40	10.5	91	3.4	33.9	7.8	26.0	0.43
I20	20070308	41	10.5	91	3.4	33.9	7.8	26.0	0.40
I20	20070308	42	10.4	91	3.3	33.9	7.8	26.0	0.42
I20	20070308	43	10.4	91	3.3	33.9	7.8	26.1	0.35
I20	20070308	44	10.4	91	3.2	33.9	7.8	26.1	0.33
I20	20070308	45	10.4	91	3.2	33.9	7.8	26.1	0.33
I20	20070308	46	10.4	91	3.2	33.9	7.8	26.1	0.34
I20	20070308	47	10.3	91	3.1	33.9	7.8	26.1	0.38
I20	20070308	48	10.3	91	3.1	33.9	7.8	26.1	0.36
I20	20070308	49	10.3	91	3.1	33.9	7.8	26.1	0.37
I20	20070308	50	10.3	91	3.1	33.9	7.8	26.1	0.33
I20	20070308	51	10.3	91	3.1	33.9	7.8	26.1	0.34
I20	20070308	52	10.3	91	3.1	33.9	7.8	26.1	0.33
I20	20070308	53	10.3	91	3.1	33.9	7.8	26.1	0.36
I20	20070308	54	10.3	91	3.1	33.9	7.8	26.1	0.38
I20	20070308	55	10.3	91	3.1	33.9	7.8	26.1	0.35
I20	20070308	56	10.3	91	3.1	33.9	7.8	26.1	0.33
I21	20070308	1	14.5	72	10.0	33.6	8.3	25.0	3.45
I21	20070308	2	14.5	72	10.0	33.6	8.3	25.0	3.85
I21	20070308	3	14.4	75	10.1	33.6	8.3	25.0	4.67
I21	20070308	4	13.7	76	10.1	33.6	8.3	25.2	6.24
I21	20070308	5	13.2	81	9.8	33.6	8.2	25.3	8.21

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I21	20070308	6	12.9	82	8.7	33.6	8.1	25.4	10.91
I21	20070308	7	12.8	82	8.0	33.6	8.1	25.4	12.27
I21	20070308	8	12.6	82	7.7	33.7	8.1	25.4	12.60
I21	20070308	9	12.5	84	7.1	33.7	8.1	25.4	12.94
I21	20070308	10	12.4	85	6.8	33.7	8.0	25.5	12.67
I21	20070308	11	12.4	85	6.7	33.7	8.0	25.5	11.61
I21	20070308	12	12.3	86	6.3	33.7	8.0	25.5	10.52
I21	20070308	13	12.2	85	6.3	33.7	8.0	25.5	10.70
I21	20070308	14	12.2	85	6.2	33.7	8.0	25.5	11.49
I21	20070308	15	12.0	86	6.0	33.7	8.0	25.6	9.27
I21	20070308	16	11.9	86	5.8	33.7	8.0	25.6	7.57
I21	20070308	17	11.7	87	5.7	33.7	7.9	25.7	6.20
I21	20070308	18	11.6	86	5.4	33.7	7.9	25.7	5.00
I21	20070308	19	11.5	88	5.2	33.7	7.9	25.7	3.64
I21	20070308	20	11.4	88	4.9	33.7	7.9	25.7	3.90
I21	20070308	21	11.4	88	4.8	33.7	7.9	25.7	3.68
I21	20070308	22	11.4	88	4.7	33.7	7.9	25.7	3.92
I21	20070308	23	11.4	88	4.7	33.7	7.9	25.7	4.31
I21	20070308	24	11.4	88	4.8	33.7	7.9	25.7	4.33
I21	20070308	25	11.4	88	4.8	33.8	7.9	25.7	3.97
I21	20070308	26	11.4	87	4.8	33.8	7.9	25.7	4.16
I21	20070308	27	11.4	87	4.8	33.8	7.9	25.7	3.68
I21	20070308	28	11.4	87	4.8	33.8	7.9	25.7	3.81
I21	20070308	29	11.4	87	4.8	33.8	7.9	25.7	3.85
I21	20070308	30	11.4	87	4.8	33.8	7.9	25.7	3.86
I21	20070308	31	11.4	87	4.8	33.8	7.9	25.7	3.62
I21	20070308	32	11.4	87	4.8	33.7	7.9	25.7	3.44
I21	20070308	33	11.4	87	4.8	33.7	7.9	25.7	2.76
I21	20070308	34	11.3	88	4.7	33.7	7.9	25.7	3.08
I21	20070308	35	11.3	88	4.6	33.7	7.8	25.7	3.03
I21	20070308	36	11.3	88	4.5	33.7	7.8	25.7	2.70
I21	20070308	37	11.3	88	4.4	33.7	7.8	25.7	2.46
I21	20070308	38	11.3	88	4.4	33.7	7.8	25.7	2.53
I21	20070308	39	11.3	88	4.4	33.7	7.8	25.7	2.36
I21	20070308	40	11.3	89	4.4	33.7	7.8	25.7	2.75
I22	20070306	1	12.8	77	8.1	33.7	8.1	25.4	8.11
I22	20070306	2	12.7	76	8.1	33.7	8.1	25.5	10.75
I22	20070306	3	12.6	76	8.1	33.7	8.1	25.5	13.80
I22	20070306	4	12.6	76	8.1	33.7	8.0	25.5	15.72
I22	20070306	5	12.5	76	8.0	33.7	8.0	25.5	16.89
I22	20070306	6	12.4	77	7.9	33.7	8.0	25.5	18.14
I22	20070306	7	12.3	77	7.8	33.7	8.0	25.5	15.47
I22	20070306	8	12.0	78	7.2	33.7	8.0	25.6	12.95
I22	20070306	9	12.0	80	6.2	33.7	7.9	25.6	15.67
I22	20070306	10	12.1	80	6.4	33.7	8.0	25.6	18.40

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I22	20070306	11	12.0	80	6.8	33.7	8.0	25.6	17.24
I22	20070306	12	12.0	80	7.0	33.7	8.0	25.6	17.13
I22	20070306	13	11.9	80	6.9	33.7	8.0	25.6	17.08
I22	20070306	14	11.9	81	6.8	33.7	8.0	25.6	15.90
I22	20070306	15	11.9	81	6.8	33.7	8.0	25.6	16.77
I22	20070306	16	11.9	81	6.8	33.7	8.0	25.6	15.89
I22	20070306	17	11.8	81	6.8	33.7	8.0	25.6	15.93
I22	20070306	18	11.6	82	6.7	33.8	7.9	25.7	14.64
I22	20070306	19	11.5	82	6.6	33.8	7.9	25.7	13.46
I22	20070306	20	11.5	82	6.5	33.8	7.9	25.7	12.51
I22	20070306	21	11.5	81	6.5	33.8	7.9	25.7	13.25
I22	20070306	22	11.4	81	6.5	33.8	7.9	25.7	11.93
I22	20070306	23	11.4	80	6.5	33.8	7.9	25.7	10.92
I22	20070306	24	11.4	80	6.5	33.8	7.9	25.8	12.08
I22	20070306	25	11.4	80	6.5	33.8	7.9	25.7	11.71
I22	20070306	26	11.4	80	6.5	33.8	7.9	25.7	11.20
I22	20070306	27	11.4	79	6.5	33.8	7.9	25.8	11.49
I22	20070306	28	11.4	79	6.5	33.8	7.9	25.8	11.34
I22	20070306	29	11.4	79	6.5	33.8	7.9	25.8	12.64
I23	20070306	1	12.2	74	7.7	33.7	8.0	25.6	7.19
I23	20070306	2	12.1	74	7.7	33.7	8.0	25.6	7.79
I23	20070306	3	12.1	75	7.7	33.7	8.0	25.6	9.60
I23	20070306	4	12.0	75	7.6	33.7	8.0	25.6	11.99
I23	20070306	5	12.0	75	7.6	33.7	8.0	25.6	14.80
I23	20070306	6	12.0	75	7.6	33.7	8.0	25.6	21.11
I23	20070306	7	11.9	75	7.6	33.7	8.0	25.6	21.22
I23	20070306	8	11.7	75	7.5	33.7	8.0	25.7	22.75
I23	20070306	9	11.6	76	7.2	33.8	7.9	25.7	18.81
I23	20070306	10	11.6	77	6.9	33.8	7.9	25.7	17.24
I23	20070306	11	11.6	77	6.8	33.8	7.9	25.7	17.26
I23	20070306	12	11.6	78	6.7	33.8	7.9	25.7	17.00
I23	20070306	13	11.5	78	6.6	33.8	7.9	25.7	16.05
I23	20070306	14	11.5	78	6.6	33.8	7.9	25.7	14.64
I23	20070306	15	11.5	78	6.4	33.8	7.9	25.7	13.08
I23	20070306	16	11.5	78	6.3	33.8	7.9	25.7	14.02
I23	20070306	17	11.5	78	6.3	33.8	7.9	25.7	14.54
I23	20070306	18	11.5	78	6.3	33.8	7.9	25.7	14.20
I23	20070306	19	11.4	78	6.1	33.8	7.9	25.7	12.92
I23	20070306	20	11.4	78	5.8	33.8	7.9	25.7	12.26
I23	20070306	21	11.4	79	5.7	33.8	7.9	25.7	11.66
I24	20070306	1	12.8	70	8.4	33.7	8.0	25.4	12.95
I24	20070306	2	12.4	70	8.4	33.7	8.1	25.5	16.82
I24	20070306	3	12.0	73	8.2	33.7	8.0	25.6	20.77
I24	20070306	4	11.9	73	7.7	33.7	8.0	25.6	19.94
I24	20070306	5	11.8	74	7.6	33.7	8.0	25.7	20.55

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I24	20070306	6	11.7	75	7.4	33.7	8.0	25.7	21.31
I24	20070306	7	11.7	76	7.2	33.8	8.0	25.7	20.10
I24	20070306	8	11.7	73	6.9	33.8	8.0	25.7	19.27
I24	20070306	9	11.7	69	6.7	33.7	7.9	25.7	18.80
I24	20070306	10	11.7	67	6.7	33.7	7.9	25.7	18.79
I24	20070306	11	11.7	66	6.6	33.7	7.9	25.7	17.79
I25	20070306	1	13.1	72	8.8	33.7	8.1	25.4	14.35
I25	20070306	2	12.8	72	8.9	33.7	8.1	25.4	18.63
I25	20070306	3	12.3	73	8.9	33.7	8.1	25.5	27.22
I25	20070306	4	11.9	73	8.7	33.7	8.1	25.6	28.47
I25	20070306	5	11.8	73	7.8	33.8	8.0	25.7	23.54
I25	20070306	6	11.7	73	7.2	33.8	8.0	25.7	18.79
I25	20070306	7	11.7	73	6.6	33.8	7.9	25.7	13.90
I25	20070306	8	11.7	75	6.4	33.8	7.9	25.7	11.72
I25	20070306	9	11.7	77	6.1	33.8	7.9	25.7	9.33
I26	20070306	1	13.4	75	8.7	33.7	8.1	25.3	13.86
I26	20070306	2	13.4	74	8.7	33.7	8.1	25.3	15.67
I26	20070306	3	13.4	74	8.7	33.7	8.1	25.3	17.31
I26	20070306	4	13.3	74	8.7	33.7	8.1	25.3	17.75
I26	20070306	5	13.1	74	8.7	33.7	8.1	25.4	19.82
I26	20070306	6	12.5	75	8.8	33.7	8.1	25.5	22.72
I26	20070306	7	12.2	75	8.4	33.7	8.1	25.6	23.58
I26	20070306	8	11.9	75	7.9	33.8	8.0	25.6	14.06
I26	20070306	9	11.8	75	6.9	33.8	8.0	25.7	9.90
I26	20070306	10	11.8	80	6.1	33.8	7.9	25.7	8.80
I27	20070306	1	12.3	76	8.0	33.7	8.0	25.5	16.81
I27	20070306	2	12.0	77	7.9	33.7	8.0	25.6	17.22
I27	20070306	3	11.9	78	7.6	33.7	8.0	25.6	19.13
I27	20070306	4	11.8	78	7.3	33.7	8.0	25.7	19.90
I27	20070306	5	11.8	78	7.0	33.7	8.0	25.7	19.74
I27	20070306	6	11.8	80	6.7	33.7	7.9	25.7	20.17
I27	20070306	7	11.8	81	6.6	33.7	7.9	25.7	19.89
I27	20070306	8	11.7	80	6.6	33.7	7.9	25.7	21.14
I27	20070306	9	11.7	81	6.5	33.7	7.9	25.7	18.17
I27	20070306	10	11.7	81	6.4	33.7	7.9	25.7	14.81
I27	20070306	11	11.6	82	6.3	33.8	7.9	25.7	11.40
I27	20070306	12	11.6	84	6.2	33.8	7.9	25.7	10.41
I27	20070306	13	11.5	84	6.0	33.8	7.9	25.7	9.10
I27	20070306	14	11.5	85	6.0	33.8	7.9	25.7	8.58
I27	20070306	15	11.4	85	5.9	33.8	7.9	25.7	11.14
I27	20070306	16	11.4	84	6.0	33.8	7.9	25.8	11.81
I27	20070306	17	11.4	83	6.1	33.8	7.9	25.8	12.31
I27	20070306	18	11.4	81	6.1	33.8	7.9	25.8	12.62
I27	20070306	19	11.4	81	6.1	33.8	7.9	25.8	11.65
I27	20070306	20	11.4	81	6.0	33.8	7.9	25.8	12.97

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I27	20070306	21	11.4	82	5.9	33.8	7.9	25.8	12.34
I27	20070306	22	11.3	82	5.8	33.8	7.9	25.8	11.25
I27	20070306	23	11.3	82	5.7	33.8	7.9	25.8	12.65
I27	20070306	24	11.3	82	5.5	33.8	7.9	25.8	13.47
I27	20070306	25	11.3	82	5.5	33.8	7.8	25.8	12.82
I27	20070306	26	11.3	82	5.4	33.8	7.8	25.8	13.70
I27	20070306	27	11.3	82	5.4	33.8	7.8	25.8	13.36
I27	20070306	28	11.3	82	5.4	33.8	7.8	25.8	13.17
I27	20070306	29	11.3	82	5.4	33.8	7.8	25.8	13.09
I28	20070305	1	13.1	80	7.8	33.6	8.1	25.3	4.51
I28	20070305	2	13.1	81	7.8	33.6	8.1	25.3	5.62
I28	20070305	3	13.0	81	7.7	33.6	8.2	25.3	8.17
I28	20070305	4	12.9	81	7.5	33.6	8.1	25.4	9.86
I28	20070305	5	12.9	82	7.3	33.7	8.1	25.4	11.20
I28	20070305	6	12.8	83	7.2	33.7	8.1	25.4	12.20
I28	20070305	7	12.8	83	7.1	33.7	8.1	25.4	10.58
I28	20070305	8	12.3	85	6.7	33.6	8.1	25.5	6.56
I28	20070305	9	11.8	89	5.7	33.6	8.1	25.6	2.36
I28	20070305	10	11.7	90	5.1	33.7	8.0	25.6	1.11
I28	20070305	11	11.5	91	4.7	33.7	8.0	25.6	0.83
I28	20070305	12	11.4	91	4.4	33.7	7.9	25.7	0.72
I28	20070305	13	11.4	90	4.3	33.7	7.9	25.7	0.77
I28	20070305	14	11.3	91	4.3	33.7	7.9	25.7	0.77
I28	20070305	15	11.3	91	4.2	33.7	7.9	25.7	0.75
I28	20070305	16	11.3	91	4.2	33.7	7.9	25.7	0.75
I28	20070305	17	11.2	91	4.2	33.7	7.9	25.7	0.89
I28	20070305	18	11.2	91	4.1	33.7	7.9	25.8	1.02
I28	20070305	19	11.1	90	4.1	33.7	7.9	25.8	1.01
I28	20070305	20	11.0	90	4.0	33.8	7.9	25.8	0.75
I28	20070305	21	10.9	90	3.9	33.8	7.9	25.9	0.66
I28	20070305	22	10.8	91	3.7	33.8	7.9	25.9	0.59
I28	20070305	23	10.7	91	3.7	33.8	7.9	25.9	0.45
I28	20070305	24	10.7	91	3.6	33.8	7.9	25.9	0.50
I28	20070305	25	10.7	91	3.6	33.8	7.9	25.9	0.45
I28	20070305	26	10.7	91	3.6	33.8	7.9	25.9	0.41
I28	20070305	27	10.7	91	3.5	33.8	7.9	25.9	0.41
I28	20070305	28	10.6	91	3.5	33.8	7.8	25.9	0.36
I28	20070305	29	10.6	91	3.5	33.9	7.8	26.0	0.33
I28	20070305	30	10.6	91	3.5	33.9	7.8	26.0	0.29
I28	20070305	31	10.5	91	3.4	33.9	7.8	26.0	0.30
I28	20070305	32	10.5	91	3.4	33.9	7.8	26.0	0.30
I28	20070305	33	10.5	91	3.3	33.9	7.8	26.0	0.28
I28	20070305	34	10.5	91	3.3	33.9	7.8	26.0	0.28
I28	20070305	35	10.5	91	3.3	33.9	7.8	26.0	0.29
I28	20070305	36	10.5	91	3.3	33.9	7.8	26.0	0.30

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I28	20070305	37	10.5	91	3.3	33.9	7.8	26.0	0.37
I28	20070305	38	10.4	91	3.3	33.9	7.8	26.0	0.26
I28	20070305	39	10.4	91	3.3	33.9	7.8	26.0	0.28
I28	20070305	40	10.4	91	3.2	33.9	7.8	26.0	0.31
I28	20070305	41	10.3	91	3.2	33.9	7.8	26.0	0.37
I28	20070305	42	10.3	91	3.2	33.9	7.8	26.1	0.38
I28	20070305	43	10.3	91	3.1	33.9	7.8	26.1	0.29
I28	20070305	44	10.3	91	3.1	33.9	7.8	26.1	0.26
I28	20070305	45	10.3	90	3.1	33.9	7.8	26.1	0.24
I28	20070305	46	10.3	90	3.1	33.9	7.8	26.1	0.32
I28	20070305	47	10.3	90	3.1	33.9	7.8	26.1	0.28
I28	20070305	48	10.3	90	3.0	33.9	7.8	26.1	0.25
I28	20070305	49	10.3	90	3.0	34.0	7.8	26.1	0.28
I28	20070305	50	10.3	90	3.0	34.0	7.8	26.1	0.29
I28	20070305	51	10.3	90	3.0	34.0	7.8	26.1	0.26
I28	20070305	52	10.3	90	3.0	34.0	7.8	26.1	0.24
I28	20070305	53	10.3	90	3.0	34.0	7.8	26.1	0.24
I28	20070305	54	10.3	90	3.0	34.0	7.8	26.1	0.25
I28	20070305	55	10.3	90	3.0	34.0	7.8	26.1	0.25
I28	20070305	56	10.3	90	3.0	34.0	7.8	26.1	0.24
I28	20070305	57	10.3	90	3.0	34.0	7.8	26.1	0.26
I28	20070305	58	10.3	90	3.0	34.0	7.8	26.1	0.26
I29	20070305	1	12.6	84	6.7	33.7	8.1	25.4	3.42
I29	20070305	2	12.5	84	6.7	33.7	8.1	25.4	3.56
I29	20070305	3	12.4	84	6.6	33.7	8.1	25.5	4.20
I29	20070305	4	12.4	85	6.4	33.7	8.1	25.5	5.21
I29	20070305	5	12.3	85	6.3	33.7	8.1	25.5	5.80
I29	20070305	6	12.3	85	6.2	33.7	8.0	25.5	7.66
I29	20070305	7	12.2	85	6.1	33.7	8.0	25.5	7.04
I29	20070305	8	12.2	85	6.1	33.7	8.0	25.5	8.45
I29	20070305	9	12.0	85	6.0	33.7	8.0	25.6	7.36
I29	20070305	10	11.7	86	5.7	33.7	8.0	25.7	5.59
I29	20070305	11	11.6	87	5.3	33.8	8.0	25.7	5.00
I29	20070305	12	11.5	88	5.0	33.8	8.0	25.7	4.55
I29	20070305	13	11.5	88	4.8	33.8	8.0	25.7	4.61
I29	20070305	14	11.5	88	4.8	33.8	7.9	25.7	4.72
I29	20070305	15	11.4	88	4.8	33.8	7.9	25.8	4.09
I29	20070305	16	11.4	88	4.6	33.8	7.9	25.8	4.04
I29	20070305	17	11.3	88	4.5	33.8	7.9	25.8	3.73
I29	20070305	18	11.3	88	4.4	33.8	7.9	25.8	3.77
I29	20070305	19	11.1	89	4.3	33.8	7.9	25.8	2.83
I29	20070305	20	10.8	89	4.3	33.9	7.9	25.9	2.08
I29	20070305	21	10.7	89	4.0	33.9	7.9	25.9	1.29
I29	20070305	22	10.7	90	3.6	33.9	7.9	26.0	1.22
I29	20070305	23	10.7	90	3.5	33.9	7.9	26.0	1.34

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I29	20070305	24	10.7	90	3.5	33.9	7.9	26.0	1.34
I29	20070305	25	10.7	90	3.5	33.9	7.8	26.0	1.23
I29	20070305	26	10.7	90	3.5	33.9	7.8	26.0	1.20
I29	20070305	27	10.7	90	3.4	33.9	7.8	26.0	1.16
I29	20070305	28	10.7	90	3.4	33.9	7.8	26.0	1.42
I29	20070305	29	10.7	90	3.4	33.9	7.8	26.0	1.40
I29	20070305	30	10.7	90	3.4	33.9	7.8	26.0	1.16
I29	20070305	31	10.7	90	3.4	33.9	7.8	26.0	1.06
I29	20070305	32	10.7	90	3.4	33.9	7.8	26.0	1.11
I29	20070305	33	10.7	90	3.4	33.9	7.8	26.0	1.17
I29	20070305	34	10.7	90	3.4	33.9	7.8	26.0	1.44
I29	20070305	35	10.7	90	3.4	33.9	7.8	26.0	1.21
I29	20070305	36	10.7	90	3.4	33.9	7.8	26.0	0.90
I29	20070305	37	10.7	90	3.4	33.9	7.8	26.0	1.27
I29	20070305	38	10.7	90	3.4	33.9	7.8	26.0	1.22
I3	20070308	1	14.0	72	10.0	33.6	8.3	25.1	7.09
I3	20070308	2	13.9	71	10.1	33.6	8.3	25.1	11.07
I3	20070308	3	13.7	71	10.1	33.6	8.3	25.2	19.80
I3	20070308	4	13.7	69	10.2	33.6	8.3	25.2	31.95
I3	20070308	5	13.6	69	10.1	33.6	8.2	25.2	38.66
I3	20070308	6	13.6	69	10.0	33.6	8.2	25.2	40.79
I3	20070308	7	13.4	69	10.0	33.6	8.2	25.3	33.33
I3	20070308	8	13.2	73	9.8	33.7	8.2	25.3	26.17
I3	20070308	9	12.7	79	9.2	33.7	8.1	25.4	14.42
I3	20070308	10	12.5	84	8.5	33.7	8.1	25.4	11.58
I3	20070308	11	12.4	84	7.9	33.7	8.0	25.5	11.03
I3	20070308	12	12.3	84	7.5	33.7	8.0	25.5	10.74
I3	20070308	13	12.1	85	7.1	33.7	8.0	25.6	9.49
I3	20070308	14	12.1	85	6.8	33.7	8.0	25.6	8.95
I3	20070308	15	12.1	85	6.6	33.7	8.0	25.6	8.45
I3	20070308	16	12.1	85	6.4	33.7	8.0	25.6	7.79
I3	20070308	17	12.0	85	6.3	33.7	8.0	25.6	6.60
I3	20070308	18	12.0	85	6.3	33.7	8.0	25.6	6.57
I3	20070308	19	12.0	84	6.2	33.7	7.9	25.6	6.46
I3	20070308	20	12.0	84	6.1	33.7	7.9	25.6	6.15
I3	20070308	21	12.0	84	6.1	33.7	7.9	25.6	6.03
I3	20070308	22	11.9	84	6.1	33.7	7.9	25.6	6.45
I3	20070308	23	11.9	84	6.1	33.7	7.9	25.6	6.20
I3	20070308	24	11.9	84	6.1	33.7	7.9	25.6	6.12
I3	20070308	25	11.9	84	6.0	33.7	7.9	25.6	6.25
I3	20070308	26	11.9	84	6.0	33.7	7.9	25.6	6.08
I3	20070308	27	11.9	84	6.0	33.7	7.9	25.6	6.00
I30	20070305	1	12.6	80	7.7	33.7	8.1	25.5	4.90
I30	20070305	2	12.5	81	7.6	33.7	8.1	25.5	5.98
I30	20070305	3	12.3	81	7.5	33.7	8.1	25.5	7.77

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I30	20070305	4	12.2	81	7.2	33.7	8.1	25.5	11.09
I30	20070305	5	12.2	81	7.1	33.7	8.1	25.5	12.18
I30	20070305	6	12.2	82	7.0	33.7	8.1	25.6	12.18
I30	20070305	7	12.2	82	6.9	33.7	8.1	25.6	15.01
I30	20070305	8	12.2	82	6.8	33.7	8.1	25.6	13.45
I30	20070305	9	12.2	83	6.7	33.7	8.0	25.6	13.25
I30	20070305	10	12.1	83	6.7	33.7	8.0	25.6	12.24
I30	20070305	11	12.1	83	6.6	33.7	8.0	25.6	13.10
I30	20070305	12	12.1	83	6.6	33.7	8.0	25.6	13.16
I30	20070305	13	12.1	83	6.6	33.7	8.0	25.6	11.84
I30	20070305	14	12.1	84	6.5	33.7	8.0	25.6	9.17
I30	20070305	15	12.0	84	6.2	33.7	8.0	25.6	8.74
I30	20070305	16	12.0	85	6.0	33.7	8.0	25.6	8.84
I30	20070305	17	12.0	85	5.9	33.7	8.0	25.6	9.04
I30	20070305	18	11.9	86	5.8	33.7	8.0	25.6	6.09
I30	20070305	19	11.7	86	5.6	33.7	8.0	25.7	6.42
I30	20070305	20	11.5	87	5.3	33.8	8.0	25.7	5.53
I30	20070305	21	11.3	87	5.0	33.8	8.0	25.8	5.68
I30	20070305	22	11.2	88	4.8	33.8	7.9	25.8	5.40
I30	20070305	23	11.2	88	4.7	33.8	7.9	25.8	4.54
I30	20070305	24	11.1	88	4.5	33.8	7.9	25.8	4.88
I30	20070305	25	11.0	88	4.3	33.8	7.9	25.9	5.81
I30	20070305	26	10.9	88	4.2	33.8	7.9	25.9	3.72
I30	20070305	27	10.8	88	4.0	33.8	7.9	25.9	3.01
I30	20070305	28	10.8	88	3.8	33.9	7.9	25.9	3.30
I30	20070305	29	10.8	88	3.7	33.8	7.9	25.9	2.71
I31	20070305	1	12.7	80	7.9	33.7	8.1	25.4	4.38
I31	20070305	2	12.5	80	7.9	33.7	8.1	25.5	5.55
I31	20070305	3	12.4	80	7.8	33.7	8.1	25.5	8.18
I31	20070305	4	12.1	81	7.4	33.7	8.1	25.6	8.44
I31	20070305	5	12.0	81	6.8	33.7	8.1	25.6	9.09
I31	20070305	6	11.9	83	6.2	33.7	8.0	25.6	11.61
I31	20070305	7	11.8	83	6.0	33.7	8.0	25.6	12.53
I31	20070305	8	11.7	84	5.9	33.7	8.0	25.7	12.10
I31	20070305	9	11.7	84	5.8	33.7	8.0	25.7	10.55
I31	20070305	10	11.7	85	5.7	33.7	8.0	25.7	11.07
I31	20070305	11	11.6	85	5.6	33.7	8.0	25.7	10.77
I31	20070305	12	11.6	85	5.5	33.7	8.0	25.7	11.02
I31	20070305	13	11.6	85	5.4	33.7	8.0	25.7	10.16
I31	20070305	14	11.5	85	5.3	33.8	8.0	25.7	11.23
I31	20070305	15	11.5	85	5.1	33.8	8.0	25.7	10.49
I31	20070305	16	11.5	84	5.0	33.8	7.9	25.7	9.60
I31	20070305	17	11.4	84	4.9	33.8	7.9	25.7	9.77
I31	20070305	18	11.4	83	4.9	33.8	7.9	25.7	9.94
I31	20070305	19	11.4	83	4.8	33.8	7.9	25.7	10.39

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I31	20070305	20	11.3	83	4.6	33.8	7.9	25.8	10.34
I32	20070305	1	12.5	75	7.4	33.7	8.1	25.5	3.47
I32	20070305	2	12.3	75	7.4	33.7	8.1	25.5	4.73
I32	20070305	3	12.2	75	7.4	33.7	8.1	25.6	7.56
I32	20070305	4	12.1	74	7.3	33.7	8.1	25.6	10.21
I32	20070305	5	12.1	75	7.2	33.7	8.1	25.6	12.30
I32	20070305	6	12.0	78	7.0	33.7	8.1	25.6	13.80
I32	20070305	7	11.9	79	6.7	33.7	8.1	25.6	15.67
I32	20070305	8	11.8	78	6.5	33.7	8.0	25.6	16.34
I32	20070305	9	11.7	77	6.3	33.8	8.0	25.7	13.35
I32	20070305	10	11.7	74	5.8	33.8	8.0	25.7	14.15
I32	20070305	11	11.6	72	5.4	33.8	8.0	25.7	16.72
I33	20070305	1	12.5	81	7.6	33.7	8.1	25.5	5.34
I33	20070305	2	12.5	81	7.6	33.7	8.1	25.5	6.63
I33	20070305	3	12.4	81	7.6	33.7	8.1	25.5	10.25
I33	20070305	4	12.4	81	7.5	33.7	8.1	25.5	10.91
I33	20070305	5	12.4	81	7.4	33.7	8.1	25.5	14.15
I33	20070305	6	12.4	81	7.4	33.7	8.1	25.5	15.45
I33	20070305	7	12.4	82	7.3	33.7	8.1	25.5	12.98
I33	20070305	8	12.4	82	7.2	33.7	8.1	25.5	12.80
I33	20070305	9	12.4	82	7.2	33.7	8.1	25.5	12.83
I33	20070305	10	12.4	82	7.2	33.7	8.1	25.5	11.63
I33	20070305	11	12.4	82	7.1	33.7	8.1	25.5	11.94
I33	20070305	12	12.4	83	7.1	33.7	8.1	25.5	12.34
I33	20070305	13	12.4	83	7.0	33.7	8.1	25.5	11.68
I33	20070305	14	12.2	83	6.7	33.7	8.1	25.5	10.40
I33	20070305	15	12.0	84	6.1	33.7	8.0	25.6	9.13
I33	20070305	16	12.0	85	5.7	33.7	8.0	25.6	8.44
I33	20070305	17	11.9	86	5.5	33.7	8.0	25.6	6.75
I33	20070305	18	11.9	87	5.4	33.7	8.0	25.6	7.16
I33	20070305	19	11.8	87	5.3	33.7	8.0	25.6	7.41
I33	20070305	20	11.7	86	5.2	33.7	8.0	25.7	7.74
I33	20070305	21	11.6	87	5.2	33.8	8.0	25.7	9.13
I33	20070305	22	11.2	86	5.0	33.8	8.0	25.8	6.20
I33	20070305	23	11.0	87	4.4	33.8	7.9	25.8	5.56
I33	20070305	24	11.0	87	4.0	33.8	7.9	25.9	5.67
I33	20070305	25	11.0	87	3.9	33.8	7.9	25.9	6.10
I33	20070305	26	11.0	86	3.9	33.8	7.9	25.9	7.15
I33	20070305	27	11.0	85	3.8	33.8	7.9	25.9	7.50
I33	20070305	28	11.0	84	3.7	33.8	7.9	25.9	7.45
I33	20070305	29	11.0	84	3.7	33.8	7.9	25.9	6.79
I33	20070305	30	11.0	83	3.7	33.8	7.9	25.9	7.56
I33	20070305	31	11.0	83	3.6	33.8	7.9	25.9	6.51
I34	20070305	1	12.5	81	7.7	33.7	8.1	25.5	6.57
I34	20070305	2	12.5	81	7.7	33.7	8.1	25.5	7.70

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I34	20070305	3	12.5	81	7.7	33.7	8.1	25.5	9.34
I34	20070305	4	12.5	81	7.7	33.7	8.1	25.5	11.33
I34	20070305	5	12.5	81	7.6	33.7	8.1	25.5	11.03
I34	20070305	6	12.5	81	7.6	33.7	8.1	25.5	11.22
I34	20070305	7	12.5	81	7.6	33.7	8.1	25.5	10.94
I34	20070305	8	12.5	81	7.5	33.7	8.1	25.5	10.58
I34	20070305	9	12.1	82	7.4	33.7	8.1	25.6	9.33
I34	20070305	10	11.4	85	6.3	33.8	8.0	25.8	7.53
I34	20070305	11	11.3	86	5.1	33.8	8.0	25.8	7.84
I34	20070305	12	11.2	85	4.6	33.8	8.0	25.8	8.62
I34	20070305	13	11.2	85	4.5	33.8	7.9	25.8	8.47
I34	20070305	14	11.2	85	4.4	33.8	7.9	25.8	8.37
I34	20070305	15	11.1	84	4.2	33.8	7.9	25.8	7.38
I34	20070305	16	11.0	83	3.9	33.8	7.9	25.8	7.12
I34	20070305	17	11.0	81	3.7	33.8	7.9	25.8	6.96
I34	20070305	18	11.0	80	3.6	33.8	7.9	25.8	6.55
I34	20070305	19	11.0	80	3.6	33.8	7.9	25.8	6.71
I34	20070305	20	11.0	80	3.5	33.8	7.9	25.8	6.42
I35	20070305	1	12.8	80	7.9	33.7	8.1	25.4	4.35
I35	20070305	2	12.8	80	7.9	33.7	8.1	25.4	4.83
I35	20070305	3	12.7	81	7.9	33.7	8.1	25.4	7.65
I35	20070305	4	12.6	80	7.9	33.7	8.1	25.4	9.93
I35	20070305	5	12.5	81	7.8	33.7	8.1	25.5	10.17
I35	20070305	6	12.4	81	7.4	33.7	8.1	25.5	11.49
I35	20070305	7	12.2	82	7.1	33.7	8.1	25.5	13.46
I35	20070305	8	12.0	82	6.8	33.7	8.1	25.6	13.24
I35	20070305	9	11.8	83	6.5	33.7	8.0	25.6	15.06
I35	20070305	10	11.7	83	6.1	33.7	8.0	25.7	14.19
I35	20070305	11	11.7	83	5.8	33.7	8.0	25.7	13.46
I35	20070305	12	11.6	83	5.7	33.7	8.0	25.7	12.69
I35	20070305	13	11.6	84	5.5	33.8	8.0	25.7	11.61
I35	20070305	14	11.3	84	5.4	33.8	8.0	25.8	12.27
I35	20070305	15	11.1	84	4.9	33.8	8.0	25.8	11.03
I35	20070305	16	11.1	83	4.3	33.8	7.9	25.8	9.25
I35	20070305	17	11.1	81	4.0	33.8	7.9	25.8	9.16
I35	20070305	18	11.1	81	3.8	33.8	7.9	25.8	9.26
I35	20070305	19	11.1	81	3.8	33.8	7.9	25.8	9.13
I35	20070305	20	11.1	81	3.7	33.8	7.9	25.8	8.95
I36	20070305	1	12.7	78	8.0	33.7	8.1	25.4	3.25
I36	20070305	2	12.6	78	7.9	33.7	8.1	25.5	4.40
I36	20070305	3	12.4	76	7.9	33.7	8.1	25.5	6.81
I36	20070305	4	12.3	76	7.7	33.7	8.1	25.5	10.63
I36	20070305	5	12.2	76	7.3	33.7	8.1	25.5	11.92
I36	20070305	6	12.1	76	7.1	33.7	8.1	25.6	15.07
I36	20070305	7	12.0	77	6.8	33.7	8.1	25.6	17.64

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I36	20070305	8	11.9	79	6.6	33.7	8.1	25.6	16.40
I36	20070305	9	11.7	78	6.4	33.7	8.0	25.7	16.69
I36	20070305	10	11.6	77	6.0	33.8	8.0	25.7	13.18
I36	20070305	11	11.5	75	5.2	33.8	8.0	25.7	13.03
I36	20070305	12	11.5	68	4.6	33.8	7.9	25.7	12.98
I37	20070305	1	12.3	83	6.3	33.7	7.9	25.5	4.87
I37	20070305	2	12.1	82	6.2	33.7	7.9	25.6	6.72
I37	20070305	3	11.9	83	6.0	33.7	7.9	25.6	8.41
I37	20070305	4	11.8	84	5.7	33.7	7.9	25.6	9.30
I37	20070305	5	11.7	84	5.6	33.7	7.9	25.7	10.37
I37	20070305	6	11.7	83	5.4	33.7	7.9	25.7	10.24
I37	20070305	7	11.6	83	5.2	33.8	7.9	25.7	9.24
I37	20070305	8	11.4	82	4.9	33.8	7.9	25.7	9.03
I37	20070305	9	11.1	79	4.5	33.8	7.9	25.8	8.60
I37	20070305	10	11.1	77	3.9	33.8	7.9	25.8	8.14
I37	20070305	11	11.1	76	3.7	33.8	7.8	25.8	7.90
I37	20070305	12	11.1	75	3.7	33.8	7.8	25.8	7.97
I37	20070305	13	11.1	76	3.7	33.8	7.8	25.8	8.99
I38	20070305	1	12.8	79	8.0	33.7	8.1	25.4	3.86
I38	20070305	2	12.8	79	8.1	33.7	8.1	25.4	4.27
I38	20070305	3	12.7	79	8.1	33.7	8.1	25.4	6.26
I38	20070305	4	12.6	78	8.1	33.7	8.1	25.4	8.82
I38	20070305	5	12.5	78	8.2	33.7	8.1	25.5	9.82
I38	20070305	6	12.2	78	7.6	33.7	8.1	25.6	13.89
I38	20070305	7	11.7	78	6.7	33.8	8.1	25.7	17.20
I38	20070305	8	11.4	78	5.8	33.8	8.0	25.7	15.22
I38	20070305	9	11.3	77	4.9	33.8	8.0	25.8	14.31
I38	20070305	10	11.3	74	4.3	33.8	7.9	25.8	14.97
I38	20070305	11	11.3	72	4.1	33.8	7.9	25.8	13.67
I38	20070305	12	11.3	72	4.0	33.8	7.9	25.8	13.12
I39	20070306	1	13.2	78	8.1	33.7	8.1	25.3	12.84
I39	20070306	2	12.9	76	8.4	33.7	8.1	25.4	19.92
I39	20070306	3	12.5	74	8.7	33.7	8.1	25.5	26.97
I39	20070306	4	12.2	73	8.7	33.7	8.1	25.6	30.95
I39	20070306	5	12.1	74	8.6	33.7	8.1	25.6	32.44
I39	20070306	6	12.0	75	8.1	33.7	8.0	25.6	30.18
I39	20070306	7	11.9	76	7.6	33.7	8.0	25.6	25.19
I39	20070306	8	11.8	78	7.1	33.7	8.0	25.6	22.41
I39	20070306	9	11.8	80	6.8	33.7	8.0	25.7	23.73
I39	20070306	10	11.7	80	6.6	33.7	8.0	25.7	21.34
I39	20070306	11	11.7	80	6.6	33.8	8.0	25.7	17.92
I39	20070306	12	11.6	80	6.7	33.8	7.9	25.7	17.82
I39	20070306	13	11.6	81	6.5	33.8	7.9	25.7	16.55
I39	20070306	14	11.6	81	6.1	33.8	7.9	25.7	15.06
I39	20070306	15	11.6	81	5.9	33.8	7.9	25.7	13.93

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I39	20070306	16	11.6	82	5.7	33.8	7.9	25.7	12.66
I39	20070306	17	11.6	81	5.5	33.8	7.9	25.7	12.44
I39	20070306	18	11.6	81	5.5	33.8	7.9	25.7	12.12
I39	20070306	19	11.6	81	5.4	33.8	7.9	25.7	10.69
I4	20070308	1	13.4	74	9.5	33.7	8.1	25.3	8.74
I4	20070308	2	13.3	73	9.5	33.7	8.1	25.3	12.67
I4	20070308	3	13.2	73	9.6	33.7	8.2	25.3	19.79
I4	20070308	4	13.1	72	9.6	33.7	8.2	25.4	26.43
I4	20070308	5	13.1	72	9.6	33.7	8.2	25.4	27.67
I4	20070308	6	13.1	72	9.5	33.7	8.1	25.4	28.42
I4	20070308	7	13.0	72	9.4	33.7	8.1	25.4	28.84
I4	20070308	8	12.9	73	9.2	33.7	8.1	25.4	28.26
I4	20070308	9	12.7	75	8.9	33.7	8.1	25.4	20.83
I4	20070308	10	12.6	77	8.5	33.7	8.1	25.5	19.00
I4	20070308	11	12.5	78	7.8	33.7	8.1	25.5	15.25
I4	20070308	12	12.3	82	7.7	33.7	8.0	25.5	10.17
I4	20070308	13	12.3	83	7.2	33.7	8.0	25.5	10.67
I4	20070308	14	12.2	84	6.8	33.7	8.0	25.5	9.86
I4	20070308	15	12.2	84	6.8	33.7	8.0	25.5	9.32
I4	20070308	16	12.1	85	6.6	33.7	8.0	25.6	10.23
I4	20070308	17	12.1	83	6.5	33.7	8.0	25.6	8.54
I4	20070308	18	12.1	82	6.5	33.7	8.0	25.6	8.60
I4	20070308	19	12.1	82	6.4	33.7	8.0	25.6	9.09
I40	20070306	1	12.6	71	8.0	33.7	8.0	25.5	10.32
I40	20070306	2	12.5	73	7.9	33.7	8.0	25.5	11.11
I40	20070306	3	12.4	73	7.9	33.7	8.0	25.5	12.32
I40	20070306	4	12.3	74	7.9	33.7	8.0	25.6	14.90
I40	20070306	5	12.1	75	7.8	33.7	8.0	25.6	13.51
I40	20070306	6	12.0	74	7.7	33.7	8.0	25.6	16.23
I40	20070306	7	11.9	74	7.6	33.8	8.0	25.6	17.71
I40	20070306	8	11.8	73	7.5	33.7	8.0	25.7	20.86
I40	20070306	9	11.8	72	7.4	33.7	8.0	25.7	20.03
I40	20070306	10	11.8	70	7.4	33.7	8.0	25.7	23.45
I5	20070308	1	13.2	72	9.3	33.7	8.1	25.3	8.61
I5	20070308	2	12.8	73	9.1	33.7	8.1	25.4	8.94
I5	20070308	3	12.6	72	8.5	33.7	8.1	25.5	8.63
I5	20070308	4	12.5	71	8.2	33.7	8.0	25.5	11.69
I5	20070308	5	12.5	71	8.1	33.7	8.0	25.5	14.56
I5	20070308	6	12.5	71	8.0	33.7	8.0	25.5	17.11
I5	20070308	7	12.5	69	8.0	33.7	8.0	25.5	16.60
I5	20070308	8	12.4	68	7.9	33.7	8.0	25.5	17.71
I5	20070308	9	12.4	67	7.7	33.7	8.0	25.5	17.83
I5	20070308	10	12.3	68	7.6	33.7	8.0	25.5	18.60
I5	20070308	11	12.2	70	7.4	33.7	8.0	25.5	17.08
I5	20070308	12	12.2	72	7.0	33.7	8.0	25.5	16.15

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I5	20070308	13	12.2	70	7.0	33.7	8.0	25.5	16.99
I5	20070308	14	12.2	68	6.9	33.7	8.0	25.5	17.09
I6	20070308	1	14.0	69	10.5	33.6	8.3	25.1	8.63
I6	20070308	2	13.9	67	10.5	33.6	8.3	25.2	20.53
I6	20070308	3	13.8	66	10.6	33.6	8.3	25.2	34.93
I6	20070308	4	13.6	65	10.6	33.7	8.2	25.2	37.53
I6	20070308	5	13.5	65	10.6	33.6	8.2	25.3	41.17
I6	20070308	6	13.4	65	10.4	33.6	8.2	25.3	40.68
I6	20070308	7	13.4	66	10.2	33.6	8.2	25.3	38.21
I6	20070308	8	13.4	67	10.0	33.6	8.2	25.3	38.79
I6	20070308	9	13.4	69	9.8	33.6	8.2	25.3	35.06
I6	20070308	10	13.1	70	9.7	33.6	8.2	25.3	24.84
I6	20070308	11	12.7	78	9.2	33.6	8.2	25.4	18.81
I6	20070308	12	12.6	81	7.8	33.6	8.1	25.4	19.00
I6	20070308	13	12.5	80	7.4	33.7	8.1	25.5	18.74
I6	20070308	14	12.4	80	7.4	33.7	8.1	25.5	15.66
I6	20070308	15	12.3	83	7.3	33.7	8.0	25.5	9.20
I6	20070308	16	12.2	84	7.0	33.7	8.0	25.6	9.59
I6	20070308	17	12.1	85	6.7	33.7	8.0	25.6	6.73
I6	20070308	18	12.0	85	6.4	33.7	8.0	25.6	6.44
I6	20070308	19	12.0	85	6.3	33.7	8.0	25.6	6.05
I6	20070308	20	12.0	85	6.3	33.7	8.0	25.6	6.96
I6	20070308	21	12.0	85	6.2	33.7	7.9	25.6	5.73
I6	20070308	22	12.0	85	6.2	33.7	7.9	25.6	6.59
I6	20070308	23	12.0	85	6.2	33.7	7.9	25.6	6.05
I6	20070308	24	12.0	85	6.1	33.7	7.9	25.6	6.09
I6	20070308	25	12.0	85	6.1	33.7	7.9	25.6	6.15
I6	20070308	26	12.0	85	6.1	33.7	7.9	25.6	6.10
I7	20070308	1	14.1	76	10.0	33.6	8.3	25.1	3.61
I7	20070308	2	14.1	76	10.0	33.6	8.3	25.1	4.91
I7	20070308	3	14.0	76	10.0	33.6	8.3	25.1	12.16
I7	20070308	4	13.6	75	10.1	33.6	8.3	25.2	34.24
I7	20070308	5	13.4	72	9.9	33.6	8.2	25.2	38.42
I7	20070308	6	13.3	72	9.2	33.6	8.2	25.3	36.96
I7	20070308	7	13.2	70	9.0	33.6	8.2	25.3	35.19
I7	20070308	8	13.2	72	8.8	33.6	8.1	25.3	33.22
I7	20070308	9	13.2	73	8.5	33.6	8.1	25.3	31.89
I7	20070308	10	13.2	74	8.5	33.6	8.1	25.3	29.74
I7	20070308	11	13.0	74	8.4	33.6	8.1	25.3	27.76
I7	20070308	12	12.8	74	8.1	33.6	8.1	25.4	21.50
I7	20070308	13	12.6	78	7.9	33.7	8.1	25.4	17.40
I7	20070308	14	12.4	78	7.5	33.7	8.0	25.5	13.84
I7	20070308	15	12.3	80	7.0	33.7	8.0	25.5	12.47
I7	20070308	16	12.1	81	6.5	33.7	8.0	25.6	9.98
I7	20070308	17	11.9	81	6.0	33.7	8.0	25.6	10.00

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I7	20070308	18	11.9	84	5.7	33.7	8.0	25.6	7.50
I7	20070308	19	11.8	85	5.6	33.7	7.9	25.6	7.60
I7	20070308	20	11.8	86	5.2	33.7	7.9	25.6	7.32
I7	20070308	21	11.6	86	5.2	33.7	7.9	25.7	4.82
I7	20070308	22	11.5	86	5.1	33.7	7.9	25.7	4.15
I7	20070308	23	11.3	87	4.8	33.7	7.9	25.7	3.17
I7	20070308	24	11.2	88	4.7	33.8	7.9	25.8	2.16
I7	20070308	25	11.1	89	4.5	33.8	7.9	25.8	2.09
I7	20070308	26	11.1	89	4.3	33.8	7.9	25.8	1.69
I7	20070308	27	11.0	89	4.2	33.8	7.8	25.8	1.30
I7	20070308	28	11.0	89	4.1	33.8	7.8	25.8	1.18
I7	20070308	29	11.0	90	4.0	33.8	7.8	25.8	0.88
I7	20070308	30	10.8	90	4.0	33.8	7.8	25.9	0.71
I7	20070308	31	10.8	90	3.9	33.8	7.8	25.9	0.64
I7	20070308	32	10.8	90	3.8	33.8	7.8	25.9	0.64
I7	20070308	33	10.8	90	3.8	33.8	7.8	25.9	0.59
I7	20070308	34	10.7	91	3.7	33.8	7.8	25.9	0.58
I7	20070308	35	10.7	90	3.7	33.8	7.8	25.9	0.52
I7	20070308	36	10.6	91	3.7	33.8	7.8	25.9	0.48
I7	20070308	37	10.7	91	3.6	33.8	7.8	25.9	0.53
I7	20070308	38	10.6	91	3.6	33.9	7.8	25.9	0.46
I7	20070308	39	10.6	91	3.6	33.9	7.8	26.0	0.44
I7	20070308	40	10.5	91	3.5	33.9	7.8	26.0	0.37
I7	20070308	41	10.5	91	3.5	33.9	7.8	26.0	0.33
I7	20070308	42	10.5	91	3.4	33.9	7.8	26.0	0.34
I7	20070308	43	10.5	91	3.3	33.9	7.8	26.0	0.31
I7	20070308	44	10.5	91	3.3	33.9	7.8	26.0	0.31
I7	20070308	45	10.5	91	3.3	33.9	7.8	26.0	0.31
I7	20070308	46	10.5	91	3.3	33.9	7.8	26.0	0.30
I7	20070308	47	10.5	91	3.3	33.9	7.8	26.0	0.31
I7	20070308	48	10.4	91	3.3	33.9	7.8	26.0	0.32
I7	20070308	49	10.4	91	3.3	33.9	7.8	26.0	0.31
I7	20070308	50	10.4	91	3.3	33.9	7.8	26.0	0.32
I7	20070308	51	10.4	91	3.3	33.9	7.8	26.0	0.36
I7	20070308	52	10.4	91	3.2	33.9	7.8	26.0	0.29
I8	20070308	1	14.4	73	10.2	33.6	8.3	25.0	4.26
I8	20070308	2	14.3	73	10.2	33.6	8.3	25.0	4.67
I8	20070308	3	14.4	73	10.2	33.6	8.3	25.0	4.40
I8	20070308	4	14.0	74	10.2	33.6	8.3	25.1	5.12
I8	20070308	5	13.3	79	10.3	33.6	8.2	25.2	4.73
I8	20070308	6	13.2	82	9.5	33.6	8.2	25.3	6.01
I8	20070308	7	13.1	84	8.8	33.6	8.1	25.3	8.74
I8	20070308	8	12.9	84	8.4	33.6	8.1	25.3	9.00
I8	20070308	9	12.8	84	8.0	33.6	8.1	25.4	8.70
I8	20070308	10	12.7	85	7.6	33.6	8.1	25.4	8.56

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I8	20070308	11	12.7	85	7.4	33.6	8.1	25.4	9.58
I8	20070308	12	12.6	84	7.2	33.6	8.1	25.4	11.23
I8	20070308	13	12.5	84	7.0	33.7	8.0	25.4	15.13
I8	20070308	14	12.5	84	6.9	33.7	8.0	25.5	14.60
I8	20070308	15	12.3	84	6.8	33.7	8.0	25.5	12.65
I8	20070308	16	12.1	86	6.7	33.7	8.0	25.5	10.97
I8	20070308	17	12.1	87	6.3	33.7	8.0	25.6	8.07
I8	20070308	18	12.1	86	5.9	33.7	8.0	25.6	6.47
I8	20070308	19	12.0	87	5.6	33.7	7.9	25.6	7.00
I8	20070308	20	12.0	87	5.6	33.7	7.9	25.6	6.98
I8	20070308	21	11.9	87	5.5	33.7	7.9	25.6	6.49
I8	20070308	22	11.9	87	5.5	33.7	7.9	25.6	6.78
I8	20070308	23	11.8	88	5.4	33.7	7.9	25.6	5.87
I8	20070308	24	11.8	87	5.3	33.7	7.9	25.6	5.18
I8	20070308	25	11.8	88	5.2	33.7	7.9	25.6	5.68
I8	20070308	26	11.7	87	5.1	33.7	7.9	25.7	5.83
I8	20070308	27	11.7	86	5.1	33.7	7.9	25.7	6.01
I8	20070308	28	11.7	86	5.2	33.7	7.9	25.7	5.59
I8	20070308	29	11.7	86	5.3	33.7	7.9	25.7	5.84
I8	20070308	30	11.7	86	5.4	33.7	7.9	25.7	5.71
I8	20070308	31	11.7	85	5.4	33.7	7.9	25.7	5.52
I8	20070308	32	11.7	85	5.4	33.7	7.9	25.7	5.44
I8	20070308	33	11.7	85	5.4	33.7	7.9	25.7	5.48
I8	20070308	34	11.7	85	5.4	33.7	7.9	25.7	5.65
I8	20070308	35	11.7	85	5.4	33.7	7.9	25.7	5.47
I8	20070308	36	11.7	85	5.4	33.7	7.9	25.7	5.44
I9	20070308	1	14.4	71	10.3	33.6	8.3	25.0	4.58
I9	20070308	2	14.3	71	10.3	33.6	8.3	25.0	5.57
I9	20070308	3	13.8	72	10.3	33.6	8.3	25.1	9.02
I9	20070308	4	13.4	72	10.1	33.6	8.2	25.2	17.36
I9	20070308	5	13.1	71	10.1	33.6	8.2	25.3	16.68
I9	20070308	6	12.9	76	9.6	33.6	8.1	25.4	17.42
I9	20070308	7	12.8	82	8.3	33.6	8.1	25.4	15.86
I9	20070308	8	12.7	82	7.8	33.6	8.1	25.4	14.09
I9	20070308	9	12.5	84	7.4	33.6	8.0	25.4	10.97
I9	20070308	10	12.5	85	7.0	33.6	8.0	25.4	10.55
I9	20070308	11	12.4	86	6.6	33.6	8.0	25.5	10.40
I9	20070308	12	12.4	86	6.4	33.6	8.0	25.5	12.95
I9	20070308	13	12.4	84	6.3	33.7	8.0	25.5	15.85
I9	20070308	14	12.1	83	6.4	33.7	8.0	25.6	10.35
I9	20070308	15	12.0	84	6.4	33.7	8.0	25.6	9.12
I9	20070308	16	11.9	85	6.3	33.7	8.0	25.6	7.27
I9	20070308	17	11.9	85	6.2	33.7	7.9	25.6	6.50
I9	20070308	18	11.9	85	6.0	33.7	7.9	25.6	6.30
I9	20070308	19	11.9	85	6.0	33.7	7.9	25.6	6.43

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I9	20070308	20	11.9	85	5.9	33.7	7.9	25.6	6.40
I9	20070308	21	11.9	85	5.9	33.7	7.9	25.6	6.31
I9	20070308	22	11.9	85	5.9	33.7	7.9	25.6	6.27
I9	20070308	23	11.9	85	5.9	33.7	7.9	25.6	6.37
I9	20070308	24	11.9	85	5.9	33.7	7.9	25.6	6.35
I9	20070308	25	11.9	85	5.9	33.7	7.9	25.6	6.38
I9	20070308	26	11.9	85	5.9	33.7	7.9	25.6	6.36
I9	20070308	27	11.9	85	5.9	33.7	7.9	25.6	6.75
I9	20070308	28	11.9	85	5.9	33.7	7.9	25.6	6.56
I9	20070308	29	11.9	85	5.9	33.7	7.9	25.6	6.25
I9	20070308	30	11.9	85	5.9	33.7	7.9	25.6	6.00

QUALITY ASSURANCE



Bacteriological Quality Assurance Duplicate and Split Sample Analyses

Sample Date: 06-MAR-07

Station	Depth (m)	QA/QC Procedure	Analyst	TOTAL	FECAL	ENTERO
				CFU/100 mL	CFU/100 mL	CFU/100 mL
I19	6	DUPLICATE	SR	28e	<2	<2
		SPLIT/ANALYST 2	SR	4e	<2	2e

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